

COLUMBIA GAS
Development



June 3, 1988

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Arlene Sollis

Reference: Alta #5-2-C, Alta #5-3-A
Sec. 5, T7S, R21E
Uintah County, Utah

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DIVISION OF
OIL, GAS & MINING

Dear Ms. Sollis:

Enclosed please find the originals and two copies each of Columbia Gas Development Corporation's Application for Permit to Drill the Alta #5-2-C, and the Alta #5-3-A, both in Uintah County, Utah.

Should you have any questions, or require additional information, please contact me at 713/787-3482.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

(Other instructions on
reverse side)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. Lease Designation and Serial No. <u>Free</u>
b. Type of Well Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. If Indian, Allottee or Tribe Name <u>NA</u>
2. Name of Operator <u>Columbia Gas Development Corp.</u>		7. Unit Agreement Name <u>NA</u>
3. Address of Operator <u>P. O. Box 1350, Houston, TX 77251-1350</u>		8. Farm or Lease Name <u>Alta</u>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface <u>500' FNL & 1900' FWL - Sec. 5, T7S, R21E <i>NENEW</i></u> At proposed prod. zone <u>Same</u>		9. Well No. <u>5-2-C</u>
14. Distance in miles and direction from nearest town or post office* <u>20 miles south of Vernal, Utah</u>		10. Field and Pool, or Wildcat <u><i>Undesignated</i></u> <u>Horseshoe Bend-Green River</u>
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) <u>500'</u>		11. Sec., T., R., M., or Blk. and Survey or Area <u>Sec. 5-7S-21E</u>
16. No. of acres in lease <u>691</u>		12. County or Parrish <u>Uintah</u>
17. No. of acres assigned to this well <u>40</u>		13. State <u>Utah</u>
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. <u>1500'</u>		20. Rotary or cable tools <u>Rotary</u>
21. Elevations (Show whether DF, RT, GR, etc.) <u>Ground 4699'</u>		22. Approx. date work will start* <u>June 15, 1988</u>

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24#	0-350'	485 sx
7-7/8"	5-1/2"	15.5#	0-7300'	195 sx, 130 sx Light Weight, 50 sx Class "H".

EXHIBITS ATTACHED

- A. Location Plat
- B. Eight-Point Drilling Program
- C. Pressure Control Equipment
- D. Multi-Point Surface Use Program
- E. Existing & Proposed Roads
- F. Well Site Layout, Rig Equipment Layout, Pit & Pad Layout, Cut & Fill Cross-Sections

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. *[Signature]* Title Director of Drilling Date June 2, 1988

(This space for Federal or State office use)

Permit No.

43-047-31843

Approval Date

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

Approved by

Title

Conditions of approval, if any:

DATE: 6-23-88
 BY: *[Signature]*
 WELL SPACING: RX15-3-2

*See Instructions On Reverse Side

T7S, R21E, S.L.B.&M.

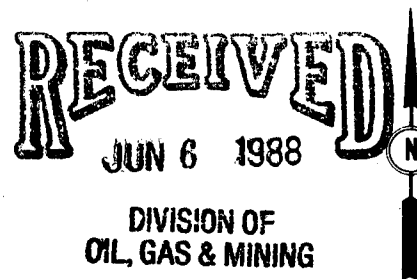
COLUMBIA GAS DEVELOPMENT CORP.

Well location, ALTA # 5-2-C

located as shown in lot
#3 (NE1/4 NW1/4) of Section 5,
T7S, R21E, S.L.B.&M. Uintah County,
Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION
5, T7S, R21E, S.L.B.&M. TAKEN FROM THE BRENNAN
BASIN QUADRANGLE, UTAH, UTAH COUNTY, 7.5
MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE
UNITED STATES DEPARTMENT OF THE INTERIOR,
GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS
BEING 4714 FEET.



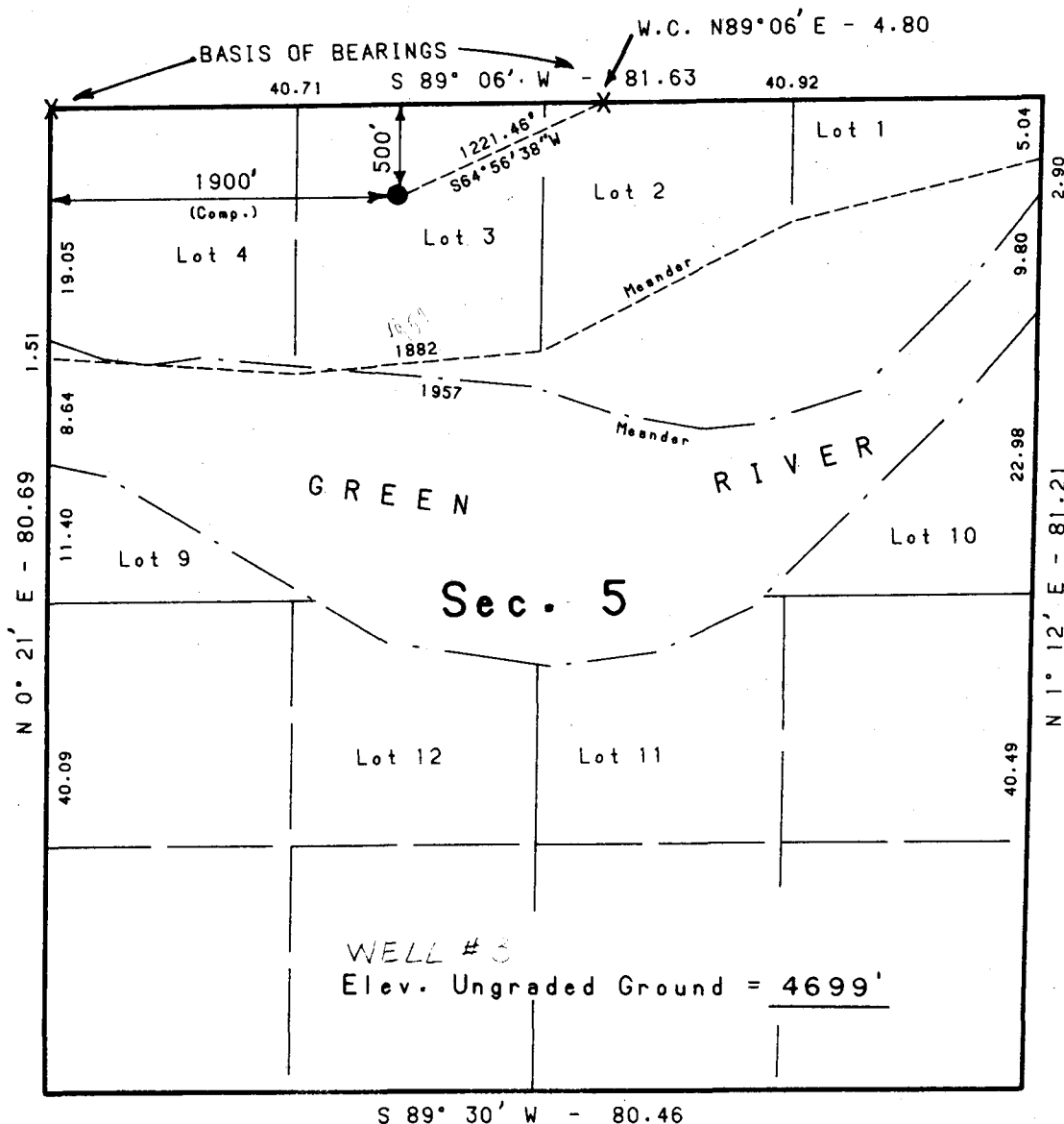
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Handwritten Signature
REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 3-1-88
PARTY G.S. D.K. J.R.S.	REFERENCES GLO
WEATHER COOL	FILE COLUMBIA GAS



X = SECTION CORNERS LOCATED (Brass Caps)

EXHIBIT "B"
EIGHT-POINT DRILLING PROGRAM

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Attachment to Form 3160-3

COMPANY: Columbia Gas Development Corporation
WELL NAME: Alta 5-2-C
LOCATION: Sec. 5: T7S, R21E - 500' FNL & 1900' FWL

DIVISION OF
OIL, GAS & MINING

COUNTY/STATE: Uintah County, Utah
LEASE:

1. Estimated Geological Markers

<u>Formation Tops</u>	<u>Depth</u>	<u>Subsea</u>
Uinta	Surface	+4714'
Uinta Pay Sands	3190'	+1524'
Green River	3690'	+1024'
Green River "H"	6135'	-1421'
Green River Pay Sands	6675'	-1961'
Wasatch	7040'	-2326'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals

<u>Formation Tops</u>	<u>Depth</u>	<u>Subsea</u>	<u>Remarks</u>
Uinta	Surface	+4714	Water
Uinta Pay Sands	3190'	+1524'	Gas
Green River Pay Sands	6675'	-1961'	Oil

3. Operator's Minimum Specifications for Pressure Control Equipment

The State of Utah Natural Resources office will be notified, with sufficient lead time, to witness pressure testing.

One (1) annular bag-type and two (2) ram-type preventers will be utilized. Ram preventers are to be tested to seventy percent (70%) of working pressure, or seventy percent (70%) of burst rating of surface pipe, whichever is less. Annular preventer is to be tested to fifty percent (50%) of working pressure. See Exhibits C-1 and C-2.

All BOPE and testing procedures will be consistent with API RP-53 and will be conducted before drilling out casing shoe. Preventers will be inspected and operated at least once daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report.

4. Proposed Casing Program (all new): The State of Utah Natural Resources office will be notified, with sufficient lead time, to witness the running and cementing of all casing strings.

Conductor Pipe: None required.

Surface Pipe:

<u>INTERVAL</u>	<u>SIZE</u>	<u>WT</u>	<u>GR</u>	<u>CONN</u>	<u>BURST/SF</u>	<u>COL/SF</u>
0-350'	8-5/8"	24#	J-55	ST&C	2950/17.0	1370/8.35

Cement with 485 sx Class "G". Pressure test to 1000 psi before drilling out shoe.

Production Pipe:

<u>INTERVAL</u>	<u>SIZE</u>	<u>WT</u>	<u>GR</u>	<u>CONN</u>	<u>BURST/SF</u>	<u>COL/SF</u>
0-7300'	5-1/2"	15.5#	K-55	LT&C	4810/1.77	4040/1.17

Cement with 195 sx Class "H" in first stage; 130 sx Light Weight and 50 sx Class "H" in second stage. Pressure test to 2000 psi on first trip with completion rig.

Auxiliary Equipment

- A. A Kelly cock will be kept in the string at all times.
- B. A stabbing valve will be kept on the derrick floor at all times.
- C. A float will not be used.

5. Proposed Mud Program (no chromates will be used in well)

<u>Depth</u>	<u>MUD WT</u>	<u>VIS</u>	<u>PV</u>	<u>YP</u>	<u>WL</u>	<u>TYPE MUD</u>
0-350'	8.4-8.5	28-32	1-4	4	NC	FW & Gel
350-4000'	8.4-8.6	29-32	4-10	5-10	NC	FW & Gel
4000'-TD	8.8-9.0	29-34	8-10	10-12	10	3% KCL & Gel

6. Testing, Logging and Coring Programs

- A. Drill Stem Tests: None planned.

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B. Well Logging and Intervals:

<u>Log</u>	<u>Interval</u>
Dual Induction/GR/SP	TD-Surface
Neutron-Density/GR/X-Plot	TD-2500'
Mechanical Properties Log	TD through Objective Zones

C. Cores: None planned.

D. Directional Surveys: Inclination test will be taken at 500' and at 1000' maximum intervals.

E. Samples: One sample will be taken at 10' intervals from 2000' through TD.

F. There will be a mud logger on location from 2000' through TD.

G. Completion Procedure: To be submitted on Form 5 under "Approval of Subsequent Operations."

7. Anticipated Abnormal Pressures, Temperatures or Potential Hazards

A. No abnormal pressures or temperatures are expected in this well.

B. Hydrogen Sulfide is not anticipated.

8. Other Information

A. Eighty Thousand Dollar (\$80,000) State of Utah Bond (U-391050-28) is on file with the State of Utah Natural Resources, State Land & Forestry.

B. Anticipated starting date is June 15, 1988.

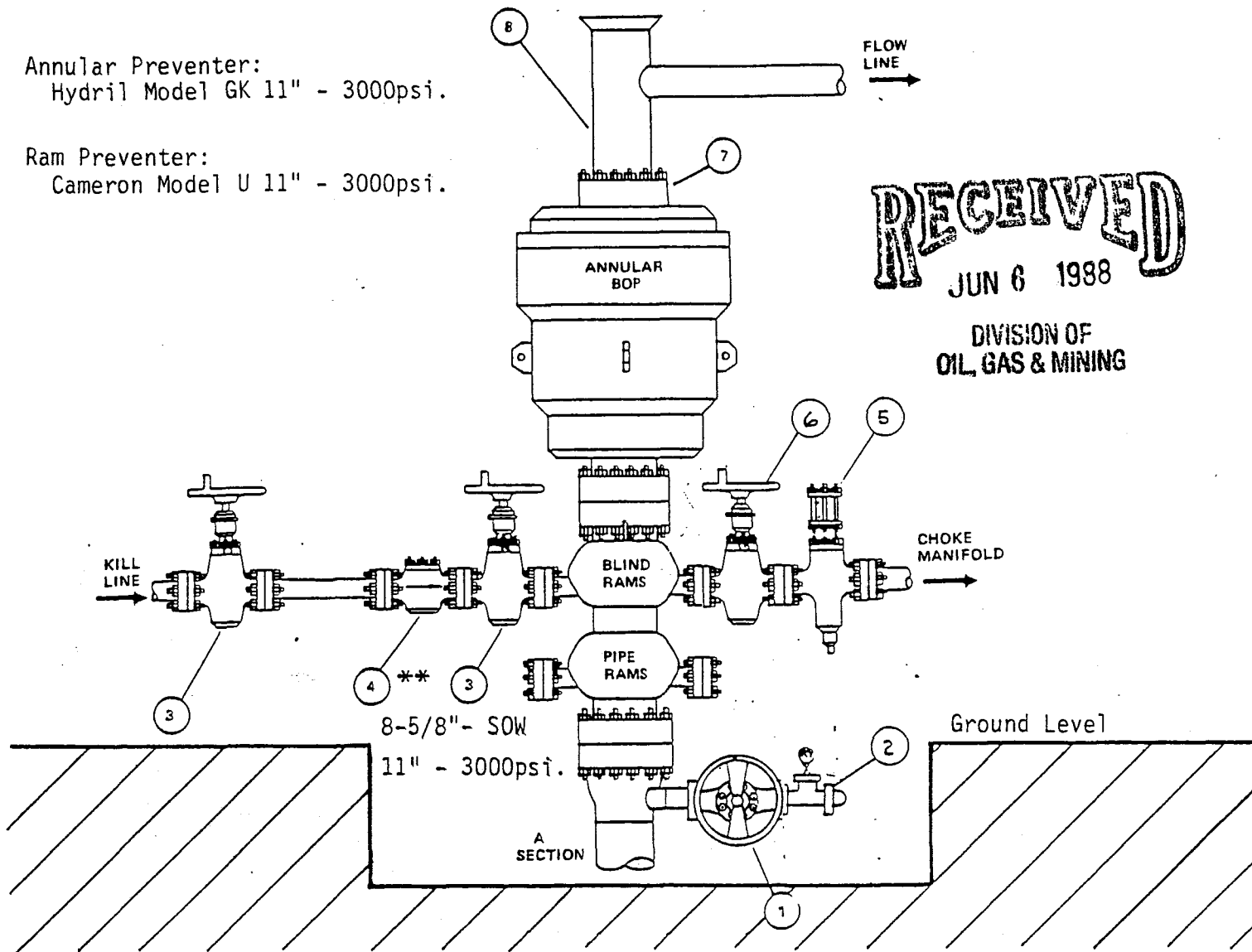
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EXHIBIT C-1 BLOWOUT PREVENTER (TYPICAL)

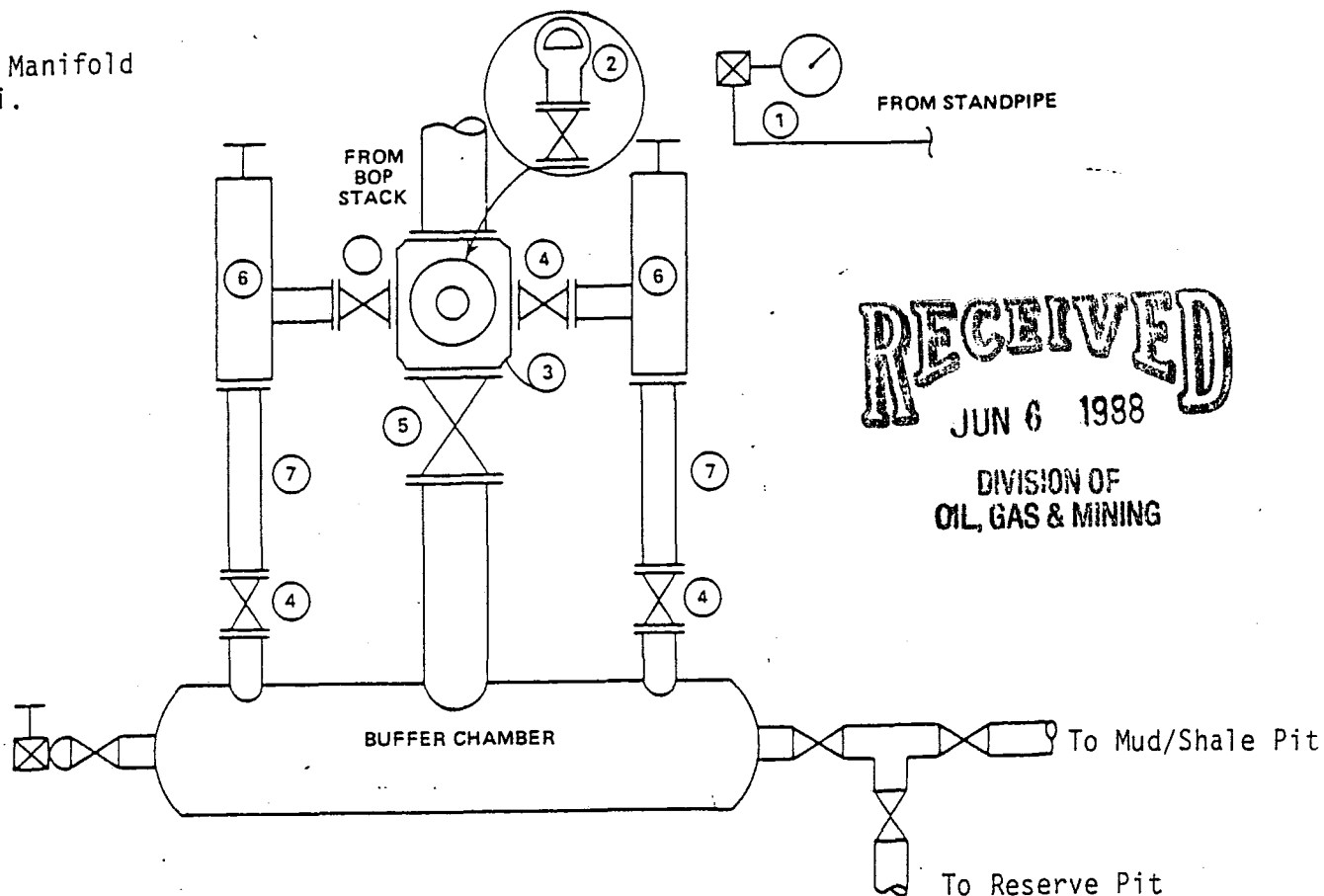
Annular Preventer:
Hydril Model GK 11" - 3000psi.

Ram Preventer:
Cameron Model U 11" - 3000psi.



1. Screwed or flanged plug or gate valves — 2" minimum nominal dia. — same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve — 2" minimum nominal dia. — same working pressure as BOP stack.
4. Flanged flapper type check valve — 2" minimum nominal dia. — same working pressure as BOP stack.
5. Flanged hydraulically controlled gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
6. Flanged plug or gate valve — 3" minimum nominal dia. — same working pressure as BOP stack.
7. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.
8. The I.D. of the bell nipple must not be less than the minimum I.D. of the BOP stack.

Cameron Choke Manifold
3" - 3000psi.



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1. Accurate pressure gauge (Martin Decker or equal) for measuring standpipe pressure. This gauge must be installed on a flexible Martin Decker or equal sealed line with transducer and have a working pressure rating equal to that of the BOP stack.
2. Diaphragm type pressure gauge and gate or plug valve — 2" minimum nominal dia. — flanged to 5 way cross or to tee and valve installed between cross and first valve.
3. Flanged or studded cross — 3" x 3" x 2" x 2" x 2" minimum nominal dia.
4. Flanged plug or gate valve — 2" minimum nominal dia. — valve to be same W.P. as choke.
5. Flanged plug or gate valve — 3" minimum nominal dia. — valve to be same W.P. as choke.
6. Flanged manually-adjustable choke equipped with tungsten carbide stems and seats and maximum size orifice opening.
7. Flanged spacer spool — 2" minimum nominal dia. and 18" minimum length.

The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.

EXHIBIT "D"
MULTI-POINT SURFACE USE PROGRAM

Attachment to Form 3160-3

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COMPANY: Columbia Gas Development Corporation
WELL NAME: Alta 5-2-C
LOCATION: Sec. 5: T7S, R21E - 500' FNL & 1900' FEL
COUNTY/STATE: Uintah County, Utah
LEASE:

DIVISION OF
OIL, GAS & MINING

1. Existing Roads - Refer to EXHIBIT E-1

- A. Existing roads and location in relation to Vernal, Utah submitted on Exhibit E-1.
- B. To reach location proceed south from Vernal, Utah on County Highway 40 for 10.4 miles, turn east (left) on graded road for 5.2 miles to lease road, turn left on lease road and go 4.7 miles to location. Location on south (right) side of graded lease road (see attached maps).
- C. Description of Roads in Area: US Highway 40 bituminous surfaced, county lease roads flat bladed.

2. Proposed Access and Location - Refer to EXHIBITS E-1 & E-2

- A. Notification will be given to the State of Utah Natural Resources, with sufficient lead time, prior to the construction of drill pad location.
- B. Proposed road to be from west boundary of location, EXHIBIT F.
- C. Surfacing: Access flat bladed and location construction from native materials found on drill site.
- D. Width: Thirty feet (30') disturbed area; eighteen feet (18') running surface.
- E. Maximum Grades: Not to exceed eight percent (8%).
- F. Drainage: No culverts or drainage ditches to be installed.
- G. Columbia Gas Development Corporation is to provide dirt contractor with required maps, pad and road construction plans.

3. Location of Existing Wells Within a One Mile Radius

- A. Water Wells: None known.

- B. Abandoned Wells: Luff GCI Federal #2; TXO Stirrup Federal #1.
- C. Disposal Wells: None known.
- D. Drilling Wells: None known.
- E. Producing Wells:

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OPERATOR

WELL NAMES

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CGDC	Federal #33-6-F; Federal #33-3-J; Federal #33-8-N; Alta #5-1-B
ALTA ENERGY	Federal #4-1-D; Anna Belle #31-2-J; Stirrup #32-1-J; Cotton Club #1
SNYDER	West Walker F #1-33
LOCKRIDGE	HB #32-33
AMERICAN PETROLEUM	Apcot State #32-2; Apcot State #32-1; Apcot State #32-4
LUFF	GIC Federal #33-1; Short Federal #1

- F. Shut-in wells: None known.

4. Location of Existing and Proposed Production Facilities and Lines

- A. Notification will be given to the State of Utah Natural Resources office with sufficient lead time, prior to construction of production facilities.
- B. There are no existing production facilities on well site.
- C. If the well is productive, new on-well pad and off-well pad facilities and lines will be submitted as "as built" on Form 5 under the following guidelines:
1. Tank battery to be surrounded by a dike of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank.
 2. All loading line valves inside berm; end of load line with drip barrel may be located outside of berm.

3. Gas meter run to be located within five hundred feet (500') of the wellhead; meter runs will be housed or fenced.
4. Gas flowline will be buried from the wellhead to the meter.
5. All facilities will be painted an earthtone color within six (6) months of installation.
6. Tank battery to be located in cut portion of production pad.
7. Site security guidelines to be submitted to the State of Utah Natural Resources office, upon completion of production facilities.

5. Location and Type of Water Supply

Fresh water for drilling will be appropriated from the Green River, as per State Permit, and trucked to location by Target Trucking or pumped by surface land line. If pumped, appropriate right-of-way will be obtained. State Engineer's Permit to be secured by Columbia Gas Development Corporation.

6. Source of Construction Materials

Construction of proposed access and location to consist of native on-site material.

7. Methods of Handling Waste Material Disposal

- A. Cuttings to be deposited in reserve pit.
- B. Drilling Fluids: Drilling fluids are to be contained in reserve pit.
- C. Produced Water: While testing well, all produced water will be contained in a storage tank. If well is a producer, a saltwater storage tank will be installed with tank battery.
- D. Sewage: A waste water disposal system will be utilized. Holding tank contents to be hauled from location by licensed sanitation hauler.
- E. Trash Pit: Trash will be contained in a portable trash basket and will be hauled to a state approved disposal site after completion of well.

- F. Reserve pit to be lined, if required, as determined from post-construction inspection. Reserve pit to be fenced on three (3) sides during drilling with a wire fence and topped with at least one (1) strand of barbed wire, and fenced on fourth (4th) side when drilling rig is moved off location. Accumulation of oil on reserve pit will be kept to a minimum.

8. Ancillary Facilities

No camp, airstrip or other facility will be built during the drilling of this well.

9. Well Site Layout

See EXHIBIT F for the well pad layout, showing a typical rig and equipment, reserve pit, top soil stockpile, waste water disposal system and storage tank, and cross-section diagram showing cuts and fills in relation to existing topography.

10. Plans for Reclamation of Surface

- A. If well site is constructed and not drilled, the site and access road will be reclaimed or erosion measures implemented within ninety (90) days of site construction, unless otherwise approved by the State of Utah Natural Resources office.
- B. If well is a dry hole and is abandoned, a dry hole marker will be placed on casing.
- C. If well is a producer, pit will be de-watered, backfilled, and leveled. Backfilling, leveling and contouring are planned as soon as all pits have been de-watered dried and contoured as soon as possible, but not to exceed one (1) year.
- D. Reclamation to be accomplished with stockpiled soil and fill material to conform, as closely as possible, to the original topography condition.
- E. Re-seeding will be performed after September 1st, and prior to freeze-up, on the first year after initial production. Seed mixture as per land owner approval. Prior to re-seeding, all disturbed areas will be scarified. Seed will be broadcast or drilled. If broadcast, the seeded area will be dragged to assure seed coverage.

11. Surface Ownership

Surface owned by Yellow Hill, Inc., under jurisdiction of the State of Utah Natural Resources office.

12. Other Information

- A. A BLM Class III Pedestrian Survey and an inspection of existing records were performed for this location by Powers Elevation Co., Inc. A files search conducted at the BLM, Vernal District Office, revealed no known sites in the project vicinity. The field survey resulted in the recording of two prehistoric sites (42UN1665) and two isolated finds, none of which is considered eligible for the National Register of Historic Places. A copy of the survey was forwarded to the State Archaeologist on May 19, 1988.
- B. If any cultural values are observed during construction and operations, they will be left intact and the Area Manager of the State of Utah Natural Resources office will be notified. Columbia Gas Development Corporation is to comply with requirements set forth by the state's Surface Use Stipulations.
- C. Eighty Thousand Dollar (\$80,000) State of Utah Bond (U-391050-28) is on file with the State of Utah Natural Resources, State Lands & Forestry.
- D. The closest town is Vernal, Utah located fourteen (14) miles north of proposed location.
- E. There are no dwellings within a five (5) mile radius of the proposed location.

13. Lessee or Operator Representative and Certification

Columbia Gas Development Corporation
P. O. Box 1350
Houston, TX 77251-1350

CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct and that the work associated with the operations

Alta 5-2-C
Page Six

proposed herein will be performed by Columbia Gas Development Corporation and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it was approved.

This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.



J. C. Braswell, Jr.
Director of Drilling
Columbia Gas Development Corporation
Telephone Number: 713/787-3400

Executed on this 2 day of June, 1988.

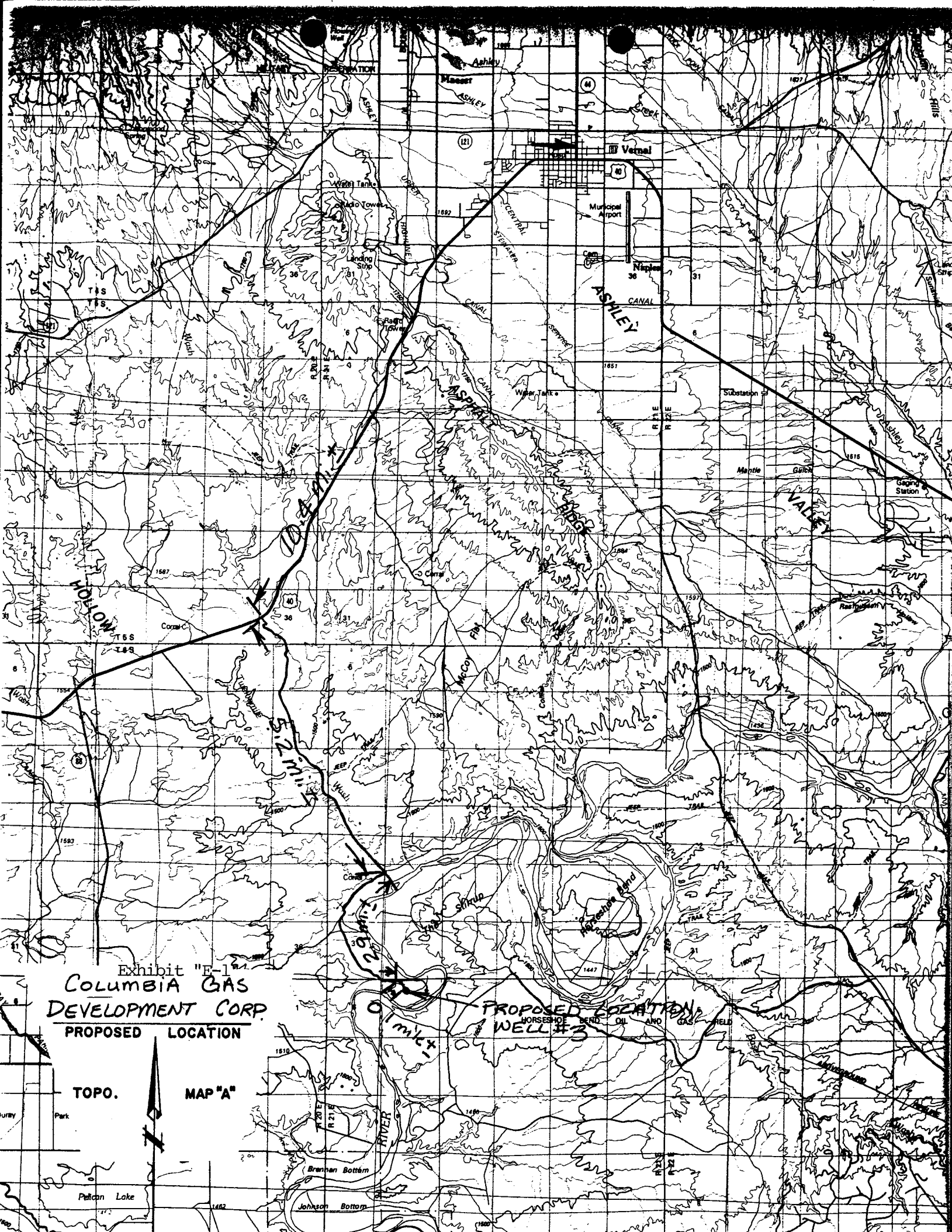
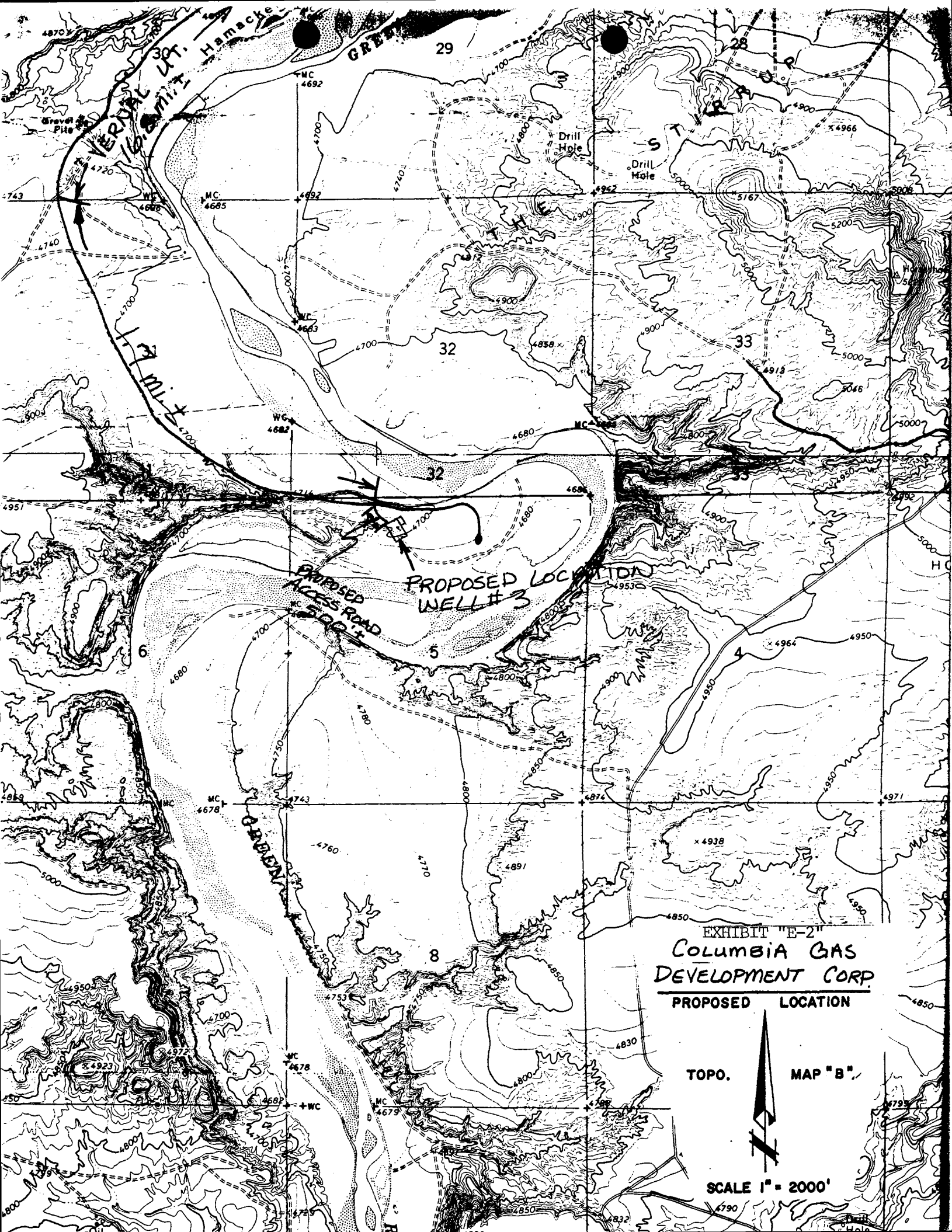


Exhibit "E-1"
COLUMBIA GAS
DEVELOPMENT CORP.
PROPOSED LOCATION

TOPO.

MAP "A"

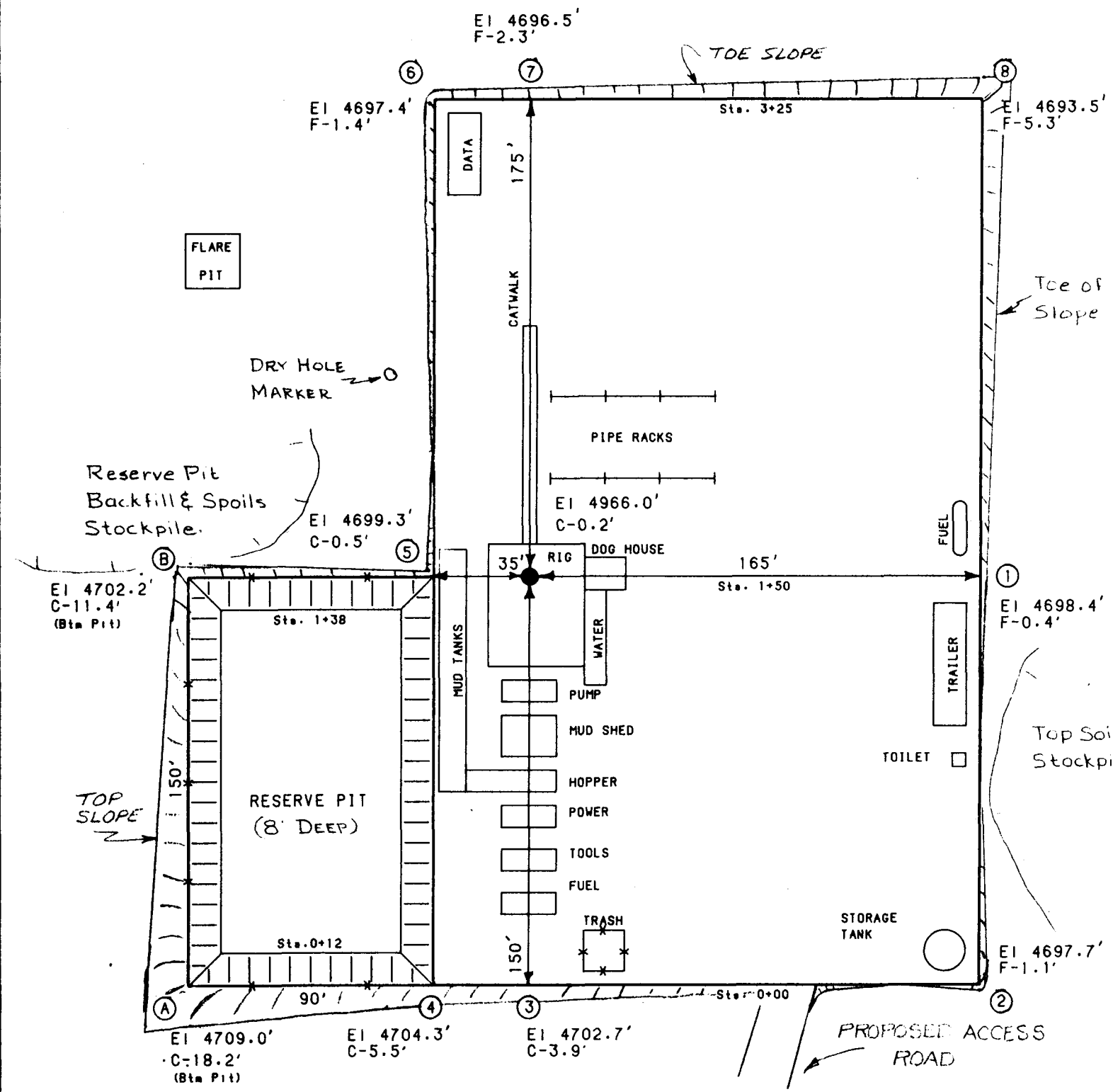


COLUMBIA GAS DEVELOPMENT CORP.

LOCATION LAYOUT FOR

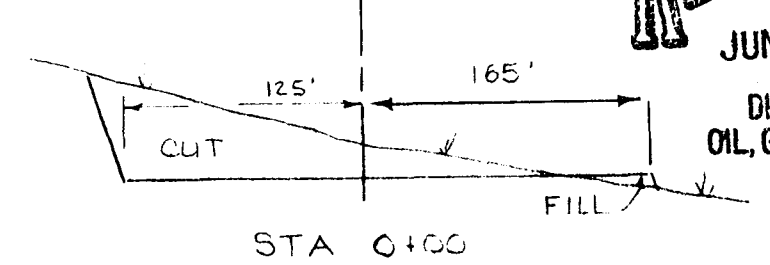
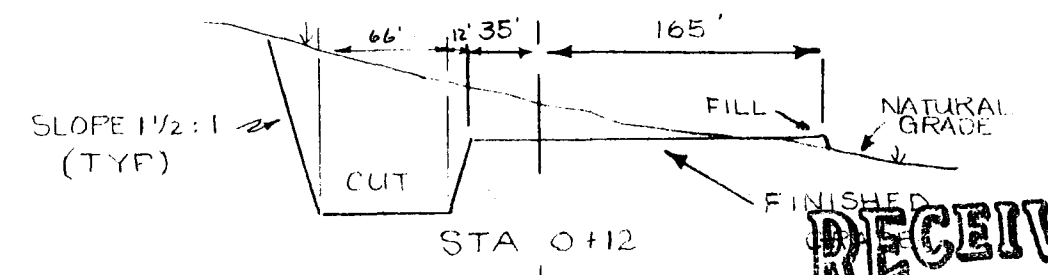
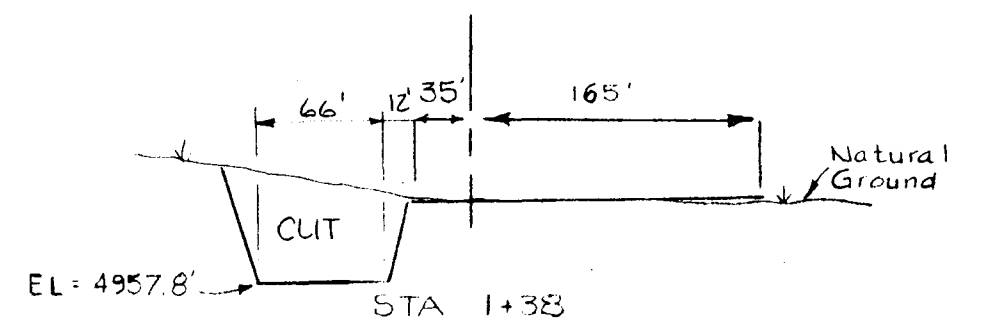
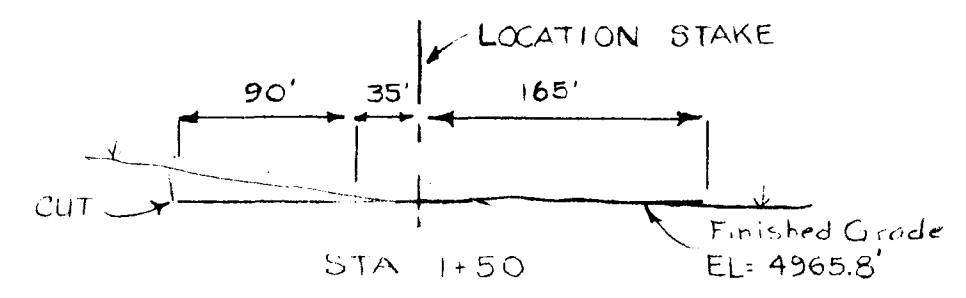
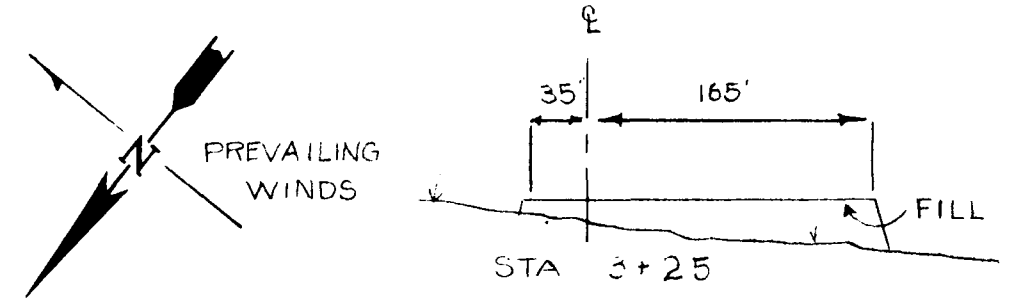
ALTA #5-2-C

SECTION 5, T7S, R21E, S.L.B.&M.



SCALE: 1" = 50'
DATE: 3/ 2/88

X-Section Scale
1" = 20'
1" = 100'



APPROXIMATE YARDAGES

CUT
(2) Topsoil Stripping = 465 Cu. Yds.
Pit Volume (Below Grade) = 3,189 Cu. Yds.
Remaining Location = 3,884 Cu. Yds.

TOTAL CUT = 7,538 CU. YDS
FILL = 2,807 CU. YDS

EXCESS MATERIAL AFTER 20% COMPACTION = 4,029 Cu. Yds.
Topsoil & Pit Backfill = 2,060 Cu. Yds. (1/2 Pit Vol.)

EXCESS UNBALANCE = 1,969 Cu. Yds. (After Rehabilitation)

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DIVISION OF OIL, GAS & MINING

UINTAH ENGINEERING & LAND SURVEYING
P.O. Box 1758 Vernal, Utah

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas & Mining

OPERATOR: Columbia Gas Development WELL NAME: Alta #5 - 2 - C (#3)
QTR/QTR: NENW SECTION: 5 TWP: 7 South RANGE: 21 East
COUNTY: Uintah FIELD: Horseshoe Bend 500' FN L 1900' FW L
SFC OWNER: Fee LEASE #: _____
SPACING: _____ F SECTION LINE _____ F QTR/QTR LINE _____ F ANOTHER WELL
INSPECTOR: Carol Kubly DATE & TIME: 13 April 88, 4:30 p.m.
PARTICIPANTS: Trisha DiClementi and Bobby Pier w/ Columbia Gas Development, George
Weldon w/ Weldon Construction

REGIONAL SETTING/TOPOGRAPHY: Colorado Plateau, Uintah Basin, Horseshoe Bend

LAND USE

CURRENT SURFACE USE: Open Range

PROPOSED SURFACE DISTURBANCE: 325' x 290' for location, 500' for existing access road - will
improve road conditions.

AFFECTED FLOODPLAINS AND/OR WETLANDS: Not Applicable

FLORA/FAUNA: Sage brush, bunch grass and assorted weeds.

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Medium reddish brown entisol - silty clay and sand.

SURFACE FORMATION & CHARACTERISTICS: Quaternary terrace gravels and deposits

EROSION/SEDIMENTATION/STABILITY: Very Stable

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S): Green River formation + 7,500'

ABNORMAL PRESSURES - HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: not cleared yet to my knowledge.

WATER RESOURCES: Green River + 1000' to the north

RESERVE PIT

CHARACTERISTICS: 90' x 150' x 8' deep.

LINING: to be determined after construction - probably will have to be lined
with plastic 12-15 mil poly

MUD PROGRAM: Fresh water - gel - low solids non-dispersed - may spot saltwater for
deeper trips.

DRILLING WATER SUPPLY: not known yet

OTHER OBSERVATIONS: This well is to be drilled on a rehab'd, abandoned well pad.

STIPULATIONS FOR APD APPROVAL: Call me after construction of pit to determine type of lining
if necessary.

Old access road to p&a'd well is to be used.

ATTACHMENTS

● Photo Point
V-door to Southeast
no disturbed drainage patterns
Photos on file in Vernal, UT

existing
access road

reserve pit

top soil
stockpile

□ flare
pit

center stake

● dry hole marker

Columbia Gas Development

Alta 5-2-C (well #3)

NENW Sec 5, 7 South, 21 East

Uintah Co., Utah

ch.

DRILLING LOCATION ASSESSMENT

State of Utah
Division of Oil, Gas & Mining

OPERATOR: COLUMBIA GAS DEVELOPMENT WELL NAME: WELL NUMBER 3
QTR/QTR: NENW SECTION: 5 TWP: 7 SOUTH RANGE: 21 EAST
COUNTY: Uintah FIELD: Horseshoe Bend 500' FN L 1900' FW L
SFC OWNER: FEE LEASE #: _____
SPACING: _____ F SECTION LINE _____ F QTR/QTR LINE _____ F ANOTHER WELL
INSPECTOR: Carol A. Kubly DATE & TIME: 4:30 p.m. 13 April 88
PARTICIPANTS: Trisha DiClementi and Bobby Pier w/ Columbia Gas Development and
George Weldon w/ Weldon Construction

REGIONAL SETTING/TOPOGRAPHY:

Colorado Plateau , Uintah Basin, Horseshoe Bend

LAND USE

CURRENT SURFACE USE: Open Range - Cattle Grazing

PROPOSED SURFACE DISTURBANCE: 325' x 290' for location, 500' for access road

AFFECTED FLOODPLAINS AND/OR WETLANDS: Not applicable

FLORA/FAUNA: Sage brush, bunch grass and assorted weeds.

ENVIRONMENTAL PARAMETERS

GEOLOGY

SOIL TYPE AND CHARACTERISTICS: Medium red brown entisol - silty clay and sand

SURFACE FORMATION & CHARACTERISTICS: Quaternary terrace gravels and deposits

EROSION/SEDIMENTATION/STABILITY: Very stable

SUBSURFACE GEOLOGY

OBJECTIVE(S)/DEPTH(S): Green River Formation at 7500' +

ABNORMAL PRESSURES - HIGH AND LOW: None anticipated

CULTURAL RESOURCES/ARCHAEOLOGY: Not cleared yet

WATER RESOURCES: Green River is 1000' + from location

RESERVE PIT

CHARACTERISTICS: 90' x 150' x 8' deep

LINING: To be determined after construction

MUD PROGRAM: Freshwater - gel - LSND (spot saltwater for deeper trips.)

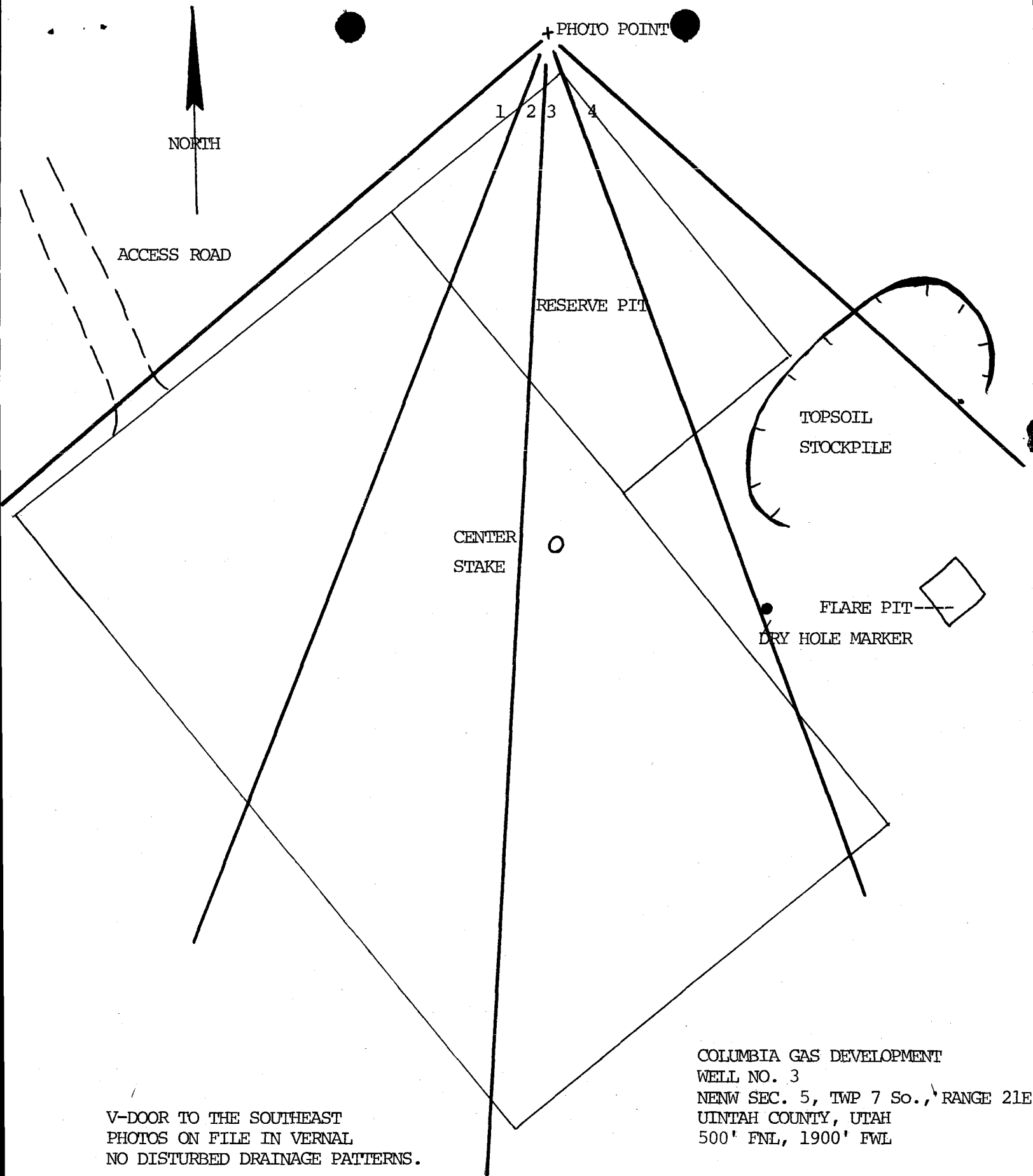
DRILLING WATER SUPPLY: Not determined yet

OTHER OBSERVATIONS: This location is to be drilled on a rehab'd abandoned wellpad.

This well was drilled by Luff Exploration CO. McConkie #2 43-047-30071 Plugged
12/16/69 per drilling report

STIPULATIONS FOR APD APPROVAL: Call me after reserve pit construction to determine lining
and call again after lined with agreed upon liner and before drlg water is entered.
Old access road will be used by Columbia

ATTACHMENTS



NORTH

ACCESS ROAD

PHOTO POINT

1 2 3 4

RESERVE PIT

TOPSOIL
STOCKPILE

CENTER
STAKE

O

FLARE PIT

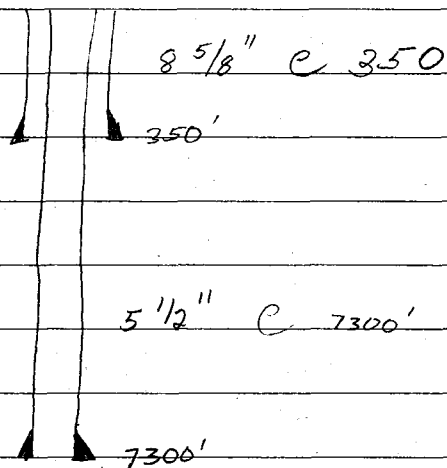
DRY HOLE MARKER

V-DOOR TO THE SOUTHEAST
PHOTOS ON FILE IN VERNAL
NO DISTURBED DRAINAGE PATTERNS.

COLUMBIA GAS DEVELOPMENT
WELL NO. 3
NENW SEC. 5, TWP 7 So., RANGE 21E
UINTAH COUNTY, UTAH
500' FNL, 1900' FWL

Review of APD Columbia Gas Development
Alta 5-2-C

NENW Sec 5 - 7S-21E



Producing Wells in area

Sec 4-7S-21E ~~Alta~~ Fed 4-1-D

900 FNL, 1000 FWL

Lomax Fed 15-8

Sec 8 - 7S-21E

625 FSL 1970 FEL

Alta Energy H B #4

Sec 3 7S-21E

2066 FNL, 1971 FWL

was approved
for SWD.

Columbia 5-1-B

Sec 5 7S-21E

This ^{producing} well is
also already in the
Storv plain ??

Concerns on approval of Alta 5-2-C

① Relative location of well to Green River:

It appears that although the well ^{site} may not be within the ordinary high water mark of the River and require Army Corp of Engineers Permit, It may be on the floodplain. Some consideration should be given to ⁵⁰⁺ 100 year storm events. As can be seen from survey plat in the APD The river has meandered quite considerably in 75 years. Long term results may want to be considered.

② A setting depth of 300' of surface casing may not be sufficient to protect all water sands. Logs from the Alta 5-1-B in sec 5 T7S-R21E indicate permeable sands to a depth of approximately 900+

③ Base of moderately saline water from Lewis Shale is approx 1400 feet

OPERATOR Columbia Gas Dev. Corp. DATE 6-6-88

WELL NAME Alta 5-2-C

SEC NENW 5 T 7S R 21E COUNTY Uintah

43-047-31843
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

☒ PLAT

☒ BOND

☒ NEAREST WELL

☒ LEASE

☒ FIELD

☒ POTASH OR OIL SHALE

PROCESSING COMMENTS:

no other well within 920'

need water permit

Received Presite

TECHNICAL REVIEW

Engr. SRB

Geol.

Surface

APPROVAL LETTER:

SPACING: ☐ R615-2-3 UNIT

☒ R615-3-2

☐ CAUSE NO. & DATE

☐ R615-3-3

STIPULATIONS:

1- Water permit

2- Upon excavation of reserve pit and prior to placing fluid in pit, the operator shall contact DOGM Vernal Field Specialist, Carol Kubly, ph. 789-1388 for inspection & determination of reserve pit liner requirement.

3. } Same as slips 4 & 5 on Alta 5-3-A well.
4 }



Norman H. Bangerter
Governor

Dee C. Hansen
Executive Director

Dianne R. Nielson, Ph.D.
Division Director

State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

June 27, 1988

Columbia Gas Development Corporation
P. O. Box 1350
Houston, Texas 77251-1350

Gentlemen:

Re: Alta 5-2-C - NE NW Sec. 5, T. 7S, R. 21E - Uintah County, Utah
500' FNL, 1900' FWL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-2, Oil and Gas Conservation General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.
2. Upon excavation of reserve pit and prior to placing fluid in pit, the operator shall contact DOGM Vernal Field Specialist, Carol Kubly, phone number (801) 789-1388 for inspection & determination of reserve pit liner requirement.
3. Upon plugging and abandonment the operator shall set a surface sealing plug which extends at least 100' below the depth of the bed of the Green River.
4. The operator shall take reasonable precautions, including diking or elevating the well pad and facilities, to protect against future flooding of the location.

In addition, the following actions are necessary to fully comply with this approval:

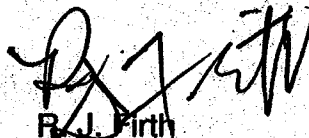
1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form OGC-8-X.

Page 2
Columbia Gas Development Corporation
Alta 5-2-C
June 27, 1988

4. Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-047-31843.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

lr
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
8159T



July 12, 1988

RECEIVED
JUL 13 1988

DIVISION OF
OIL, GAS & MINING

State of Utah
Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Leisha Romero

Reference: Federal #33-7-L
Alta #5-2-C
Alta #5-3-A
Horseshoe Bend Prospect
Uintah County, Utah

Dear Ms. Romero:

Enclosed please find copies of the Application to Appropriate Water filed on July 7, 1988, for the above referenced properties.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

FILING FOR WATER IN THE STATE OF UTAH

Rec. by _____
For Rec. _____
Receipt # _____
Microfilmed _____
Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

WATER USER CLAIM NO. 45 - 5328

APPLICATION NO. T63358

1. PRIORITY OF RIGHT: July 7, 1988

FILING DATE: July 7, 1988

2. OWNER INFORMATION

Name: Columbia Gas and Development

Address: c/o Target Trucking, 2960 North 500 East, Vernal, UT 84078

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 10.0 acre feet (Ac. Ft.)

4. SOURCE: Green River DRAINAGE: Ashley Valley

POINT(S) OF DIVERSION:

COUNTY: Uintah

(1) N. 580 feet, W. 1490 feet, from the SE Corner of Section 32,

Township 6 S, Range 21 E, SLB&M

Description of Diverting Works: Pump from river into trucks

COMMON DESCRIPTION: 12 Mi. SW of Vernal

5. NATURE AND PERIOD OF USE

Oil Exploration From July 11 to July 10.

Oil Exploration From July 11 to July 10.

5-3-A 43-047-31842
5-2-C 43-047-31843

6. PURPOSE AND EXTENT OF USE

Oil Exploration: Oil Exploration: Drilling of Alta 5-2-C Oil well in Sec. 5, T7S, R21E, S

Oil Exploration: Oil Exploration: Drilling of Alta 5-3-A Oil Well in Sec. 5, T7S, R21E, S

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
7-S	21 E	5	X				X											

All locations in Salt Lake Base and Meridian

EXPLANATORY

Land under lease for oil well drilling.

Appropriate

.....
The applicant hereby
United States

The quantity of water
can be beneficial

.....
acknowledges he/she is a citizen(s) of the
wishes to become such a citizen.
.....

.....
The appropriation is limited to that which
is for the purpose herein described.
.....

The undersigned hereby acknowledges that even though he/she may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained therein, at the time of filing, rests with the applicant(s).

John P. [Signature]
Signature of Applicant

FILING FOR WATER IN THE STATE OF UTAH

Rec. by 88Fee Rec. 30.00Receipt # 24520

Microfilmed _____

Roll # _____

APPLICATION TO APPROPRIATE WATER

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer ^{as based upon} the following showing of facts, submitted in accordance with the requirements of Title 73, Chapter 3 of the Utah Code Annotated 1953, as amended.

JUL 11 1988 *27*

TEMPORARY

WATER RIGHTS
SALT LAKE

WATER USER CLAIM NO. 45 - 5320

APPLICATION NO. T63350

1. PRIORITY OF RIGHT: July 7, 1988FILING DATE: July 7, 19882. OWNER INFORMATION

Name: Columbia Gas and Development

Address: c/o Target Trucking, 2960 North 500 East, Vernal, UT 84078

The land is not owned by the applicant(s), see explanatory.

3. QUANTITY OF WATER: 10.0 acre feet (Ac. Ft.)4. SOURCE: Green River DRAINAGE: Ashley ValleyPOINT(S) OF DIVERSION:COUNTY: Uintah

(1) N. 580 feet, W. 1490 feet, from the SE Corner of Section 32,

Township 6 S, Range 21 E, SLB&M

Description of Diverting Works: Pump from river into trucks

COMMON DESCRIPTION: 12 Mi. SW of Vernal5. NATURE AND PERIOD OF USE

Oil Exploration From July 11 to July 10.

Oil Exploration From July 11 to July 10.

6. PURPOSE AND EXTENT OF USE

Oil Exploratio: Oil Exploration: Drilling of Alta 5-2-C Oil well in Sec. 5, T7S, R21E, SL

Oil Exploratio: Oil Exploration: Drilling of Alta 5-3-A Oil Well in Sec. 5, T7S, R21E, SL

7. PLACE OF USE

The water is used in all or parts of each of the following legal subdivisions.

TOWN	RANGE	SEC	North East Quarter				North West Quarter				South West Quarter				South East Quarter			
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$
7	S	21	E	5	X		X											

43-047-31842
Alta 5-3-A43-047-31843
Alta 5-2-CEXPLANATORY

Land under lease for oil well drilling.

Appropriate

The applicant hereby acknowledges he/they are a citizen(s) of the
United States or intends to become such a citizen.

The quantity of water sought to be appropriated is limited to that which
can be beneficially used for the purpose herein described.

The undersigned hereby acknowledges that even though he/they may have been assisted in
the preparation of the above-numbered application through the courtesy of the employees
of the Division of Water Rights, all responsibility for the accuracy of the information
contained therein, at the time of filing, rests with the applicant(s).

John Pittsbergue 7/Target Tkg.
Signature of Applicant

STATE ENGINEER'S ENDORSEMENT

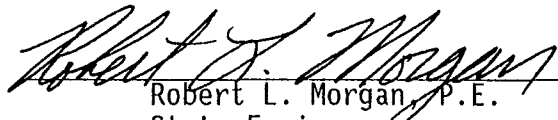
WATER RIGHT NUMBER: 45 - 5320

APPLICATION NO. T63350

1. July 7, 1988 Application received by TNB.
 2. July 7, 1988 Application designated for APPROVAL by RWL and KLJ.
 3. Comments:
-

Conditions:

This application is hereby APPROVED, dated July 15, 1988, subject to prior rights and this application will expire on July 15, 1989.


Robert L. Morgan, P.E.
State Engineer

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

API NO. 43-047-31843

NAME OF COMPANY: COLUMBIA GAS DEVELOPMENT

WELL NAME: ALTA 5-2-C

SECTION NENW 5 TOWNSHIP 7S RANGE 21E COUNTY UINTAH

DRILLING CONTRACTOR CACHERMA DRILLING

RIG # 7C

SPODDED: DATE 8/6/88

TIME 12:00 noon

How Air Rig

DRILLING WILL COMMENCE ALREADY COMMENCED - NOT REPORTED UNTIL ENTITY ACTION FORM

REPORTED BY TRISHA M. DICLEMEATI

TELEPHONE # 713-787-3482

DATE 8/26/88

SIGNED TAS

Division of Oil, Gas and Mining
PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☒ Well File See below

☐ Suspense
(Return Date) _____
(To - Initials) _____

☐ Other

(Location) Sec _____ Twp _____ Rng _____
(API No.) _____

1. Date of Phone Call: 3-6-89 Time: _____

2. DOGM Employee (name) John Baza (Initiated Call ☐)
Talked to: Trish DiClementi
Name Columbia Gas Corp. (Initiated Call ☒) - Phone No. () _____
of (Company/Organization) _____

3. Topic of Conversation: Requested verbal approval to flare gas on two state wells due to transmission problems. SRB gave approval.

4. Highlights of Conversation: Two state wells:

Well no. Alta 5-1-B 43-047-31776 Sec. 5, T7S, R21E
Well no. Alta 5-2-C 43-047-31843 Sec. 5, T7S, R21E
→ Also flaring on 4 federal wells - already obtained BLM approval. I instructed her to submit letter listing wells and their average daily production rates. If flaring continues for more than seven days, she must contact me for extension of approval.



RECEIVED
AUG 8 1988

DIVISION OF
OIL, GAS & MINING

August 5, 1988

State of Utah
Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Ms. Leisha Romero

Reference: Alta #5-2-C
Horseshoe Bend Prospect
Uintah County, Utah

Dear Ms. Romero:

Enclosed please find the original and two copies of Columbia's Sundry Notice to change the Location Layout of the above referenced well.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED
AUG 8 1988

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. DIVISION OF Fee	
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. INDIAN, ALLOTTEE OR TRIBE NAME NA	
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 500' FNL & 1900' FWL - Sec. 5, T7S, R21E NENW		8. FARM OR LEASE NAME Alta	
14. API NUMBER 43-047-31843		9. WELL NO. #5-2-C	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) Ground 4699'		10. FIELD AND POOL, OR WILDCAT Undesignated-Green River	
		11. SEC., T., R., OR BLK. AND SURVEY OR AREA Sec. 5, T7S, R21E	
		12. COUNTY OR PARISH Uintah	
		13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Attached is the revised Location Layout for the Alta #5-2-C. This has been slightly revised to accommodate a larger rig. The previous location layout was not large enough.

18. I hereby certify that the foregoing is true and correct

SIGNED _____ TITLE Regulatory Technician DATE 8/5/88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

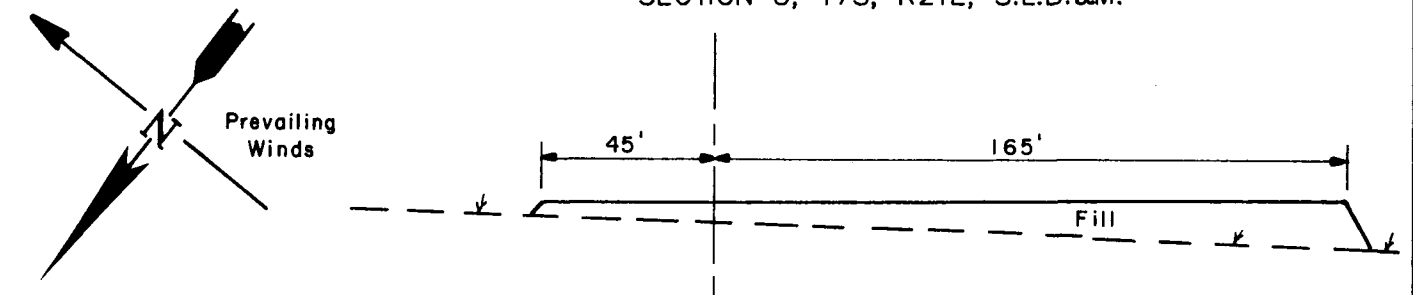
DATE: 8-10-88
BY: John R. Bay

COLUMBIA GAS DEVELOPMENT CORP.

LOCATION LAYOUT FOR

ALTA 5-2-C

SECTION 5, T7S, R21E, S.L.B.&M.



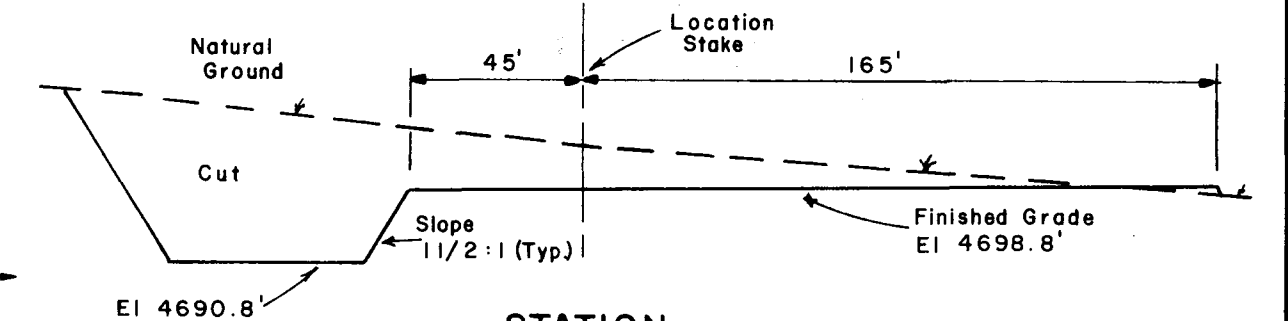
STATION
3+ 30.00

SCALE: 1" = 50'
DATE: 7/28/88

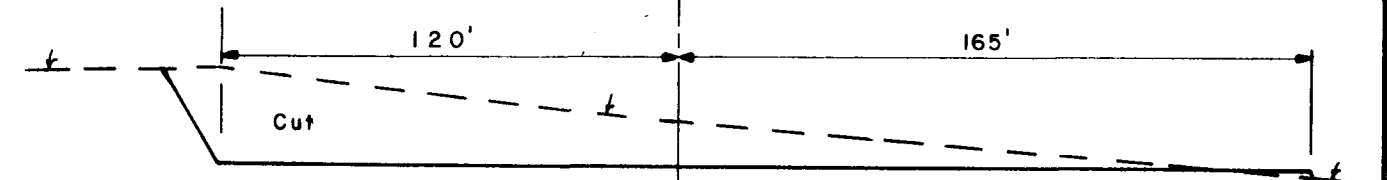


STATION
1+ 80.00

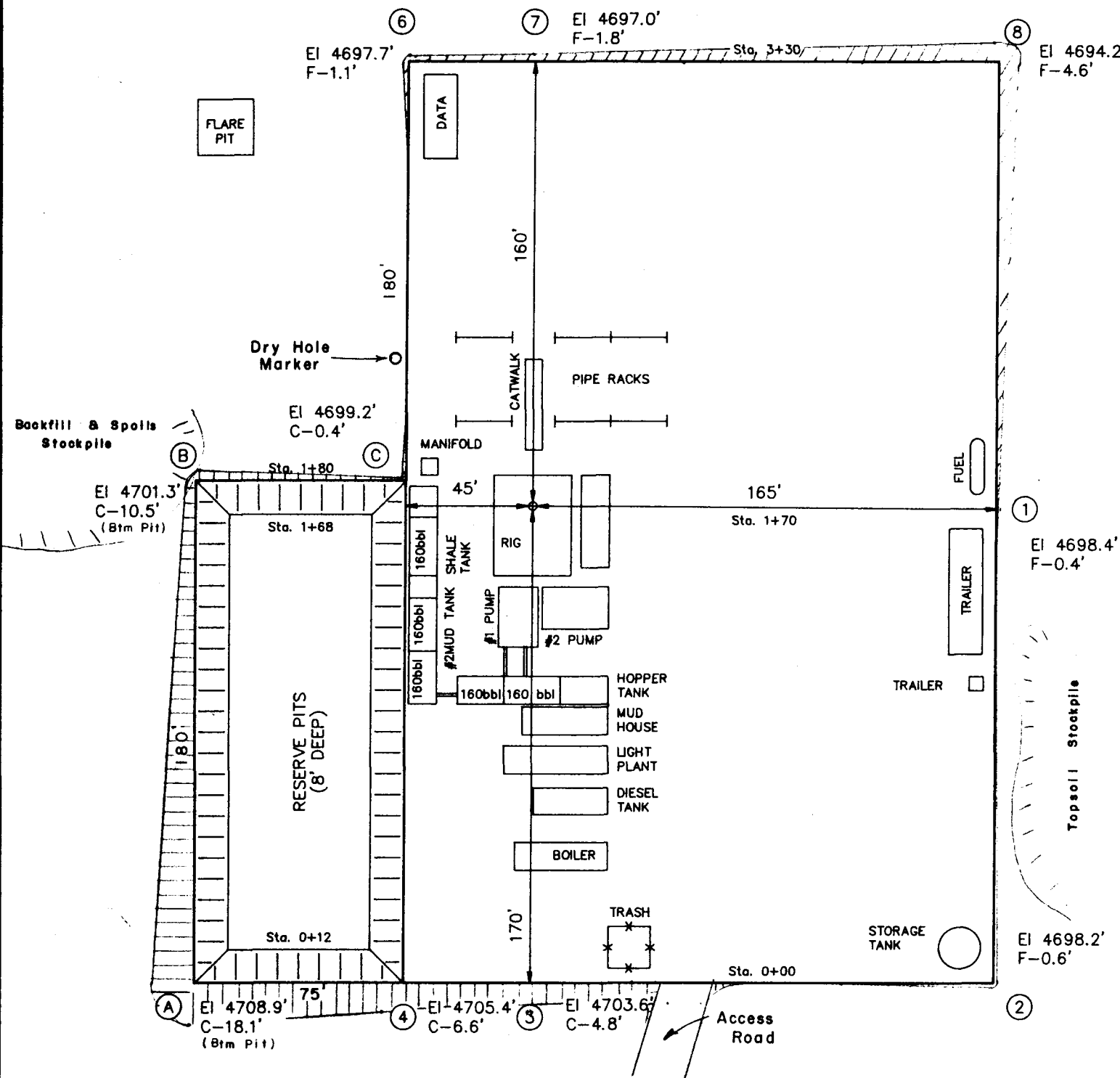
X-Section
Scale
1" = 20'
1" = 50'



STATION
0+ 12.00



STATION
0+ 00.00



APPROXIMATE YARDAGES

CUT

(2") Topsoil Stripping = 512 Cu. Yds.
Pit Volume (Below Grade) = 3,136 Cu. Yds.
Remaining Location = 4,643 Cu. Yds.

TOTAL CUT = 8,291 CU. YDS.
FILL = 2,117 CU. YDS.

EXCESS MATERIAL AFTER 20% COMPACTION

Topsoil & Pit Backfill (1/2 Pit Vol.) = 5,645 Cu. Yds.
= 2,080 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation) = 3,565 Cu. Yds.



RECEIVED
AUG 19 1988

DIVISION OF
OIL, GAS & MINING

August 18, 1988

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Leisha Romero

Reference: Alta #5-2-C
Federal #33-7-L
Horseshoe Bend Field
Uintah County, Utah

Dear Ms. Romero:

Enclosed please find the original and two copies of Columbia's Entity Action Forms for the above referenced wells.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

A handwritten signature in cursive script that reads "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

RECEIVED
AUG 19 1988

ENTITY ACTION FORM - DOGM FORM 6

OPERATOR Columbia Gas Development Corp.

OPERATOR CODE N5035

ADDRESS P. O. Box 1350

PHONE NO. 713 787-3400

Houston, TX 77251-1350

**DIVISION OF
OIL, GAS & MINING**

OPERATORS MUST COMPLETE FORM UPON SPUDDING NEW WELL OR WHEN CHANGE IN OPERATIONS OR INTERESTS NECESSITATES CHANGE IN EXISTING ENTITY NUMBER ASSIGNMENT.

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	10916	43-047-31843	Alta #5-2-C	NENW	5	7S	21E	Uintah	8/06/88	
COMMENTS: Fee-lease Not in a unit Field-Undesignated Proposed Zone-WSTC (One other well in sec. 5, BRU formation. Assign new entity 10916 on 8-25-88 for)											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											
COMMENTS:											

ACTION CODES: A - ESTABLISH NEW ENTITY FOR NEW WELL (SINGLE WELL ONLY)
 B - ADD NEW WELL TO EXISTING ENTITY (GROUP OR UNIT WELL)
 C - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO ANOTHER EXISTING ENTITY
 D - RE-ASSIGN WELL FROM ONE EXISTING ENTITY TO A NEW ENTITY
 E - OTHER (EXPLAIN IN COMMENTS SECTION)
 (SEE INSTRUCTIONS ON BACK OF FORM)

Frederic M. DiClemente
 SIGNATURE
 Regulatory Technician 8/18/88
 TITLE DATE

COLUMBIA GAS

Development



March 6, 1989

State of Utah Natural Resources
Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAR 07 1989

Attention: Mr. John Baza

DIVISION OF
OIL, GAS & MINING

Reference: Notice of Vented Gas
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

In accordance with our conversation this morning, and your temporary approval, please be advised that gas is being vented for more than 24 hours at the following well locations. At your request, average daily production rates are listed for each well.

Alta #5-1-B	57 BOPD, 109 MCFD, 22 BWPD	43-047-31776 75 21 E Sec 5
Alta #5-2-C	35 BOPD, 15 MCFD, 12 BWPD	43-047-31843 75 21 E Sec 5
Fed. #33-3-J	33 BOPD, 68 MCFD, 29 BWPD	43-047-31804 65 21 E Sec 33
Fed. #33-6-F	49 BOPD, 104 MCFD, 32 BWPD	43-047-31769 65 21 E Sec. 33
Fed. #33-7-L	67 BOPD, 30 MCFD, 34 BWPD	43-047-31844 65 21 E Sec. 33
Fed. #33-8-N	54 BOPD, 74 MCFD, 11 BWPD	43-047-31787 65 21 E Sec. 33

Phoenix Natural Gas Company, owned and operated by Alta Energy, gathers the gas from each of these locations. The gas is then processed through a central compressor station, owned by Phoenix, before it is sold to Mountain Fuels. Phoenix has advised that the H₂S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Should the venting continue by the end of this week, I will advise.

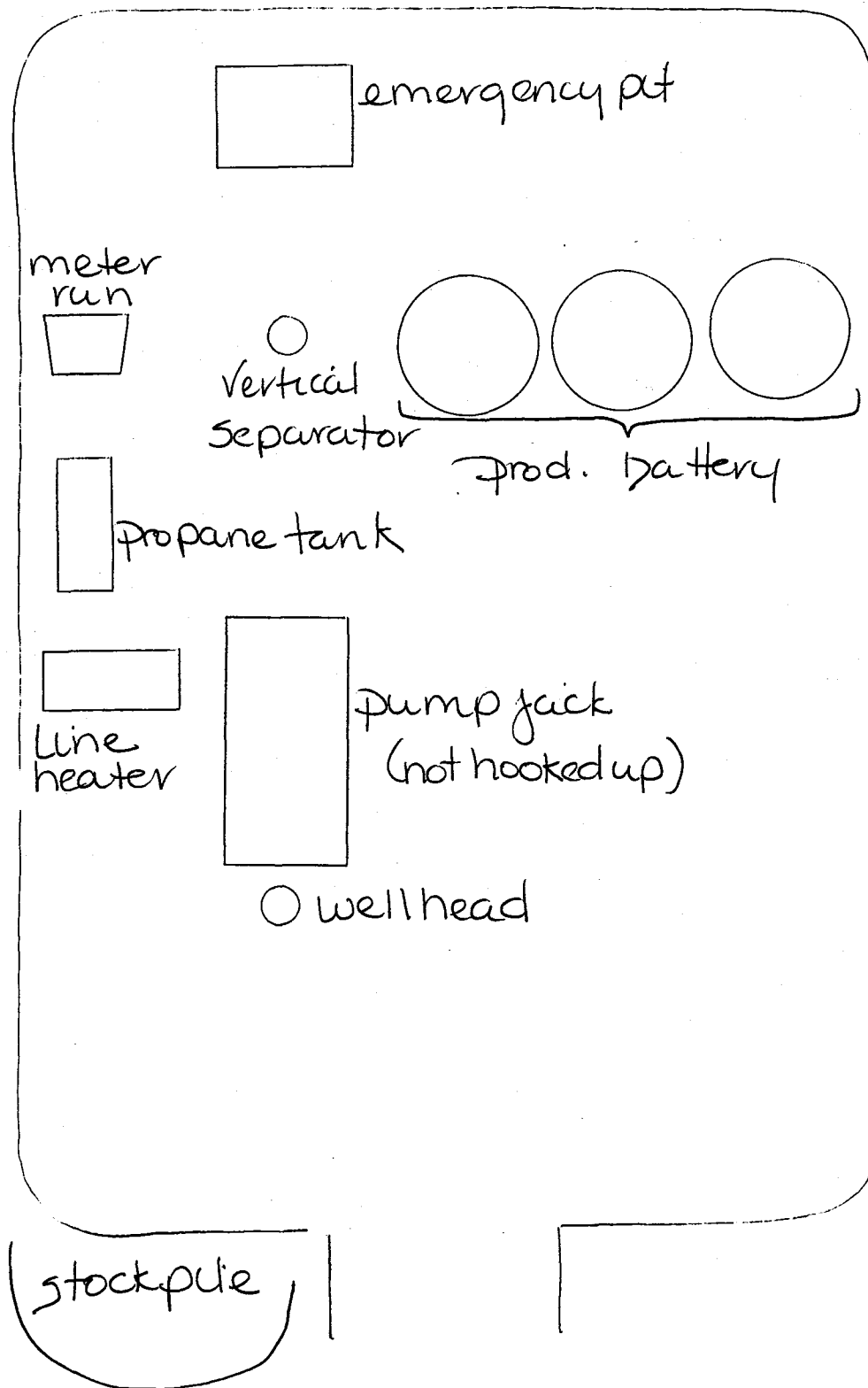
Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Regulatory Technician

cc: N. R. Smith
W. J. Ditter

Alta 5-2-C Sec 5, T 7 S, R 21E Buhly 3/15/89





State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter

Governor

Dee C. Hansen

Executive Director

Dianne R. Nielson, Ph.D.

Division Director

355 West North Temple

3 Triad Center, Suite 350

Salt Lake City, Utah 84180-1203

801-538-5340

March 27, 1989

Ms. Trisha M. DiClementi
Columbia Gas Development Corporation
5847 San Felipe
P.O. Box 1350
Houston, Texas 77251-1350

Dear Ms. DiClementi:

Re: Approvals of Gas Flaring or Venting

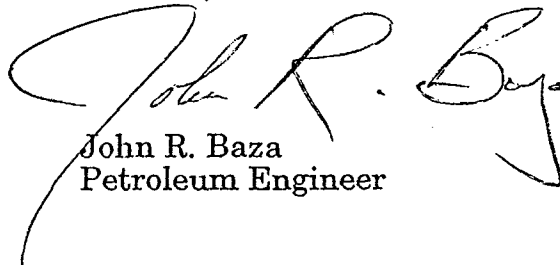
In response to your letter dated March 6, 1989, regarding gas flaring or venting from six wells in Uintah County, Utah, I felt it important to provide you with additional information concerning gas flaring or venting approvals. As of March 17, 1989, the Board of Oil, Gas and Mining adopted certain changes in the Oil and Gas Conservation General Rules. One of the affected rules is entitled Gas Flaring or Venting and has been renumbered as Rule R615-3-20. A copy of the modified rule is attached. The changes in the rule do not affect the verbal approval which I provided during our telephone conversation of March 6, 1989, and I believe the new rule will allow the flexibility to produce your wells as necessary during future emergency disruptions in the gas transmission system.

The significant changes in the rule on gas flaring and venting are firstly, that the operator of a well may now vent or flare up to 1800 Mcf of gas per month without approval and secondly, that operators are allowed specific unavoidable or short-term gas flaring or venting without approval in accordance with R615-3-20-4, 4.1, 4.2, and 4.2. The primary condition of allowing emergency gas flaring or venting is notification to the Division in accordance with Rule R615-3-32, Reporting of Undesirable Events (A copy of this rule is also attached). Therefore, in future cases of disruption in gas transmission, you should continue to perform as you did in this case and provide the Division with telephone notification with follow up written notification.

Page 2
Ms. Trisha DiClementi
March 27, 1989

I hope this adequately explains the requirements for obtaining gas flaring or venting approval. Please contact me again if you have any questions regarding our procedures.

Sincerely,

A handwritten signature in cursive script, reading "John R. Baza". The signature is written in dark ink and is positioned above the printed name and title.

John R. Baza
Petroleum Engineer

Enclosures
cc: D. R. Nielson
R. J. Firth
Well file*
OI2/170-171



March 29, 1989

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAR 30 1989

DIVISION OF
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Notices of Vented Gas
Alta #5-1-B, Alta #5-2-C ✓
Federal #33-3-J, Federal #33-6-F
Federal #33-7-L, Federal #33-8-N
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

Pursuant to my conversation with Mr. Gary Garner of today's date, enclosed please find Sundry Notices reporting vented gas from the above referenced well. The venting has exceeded BLM regulations as stated in NTL-4A, and the Vernal District office has instructed Columbia to submit Sundry Notices reflecting the number of hours and the amount of gas that has been vented for the month-to-date.

As I have mentioned in our previous conversations and correspondence, the gas has been vented due to problems at Phoenix's compressor station, and Columbia is not notified in advance to the venting. However, I will advise you should the venting become excessive again.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Trisha M. DiClementi
Regulatory Technician

TMD
Enclosures

5-1-B 43-047-31776 7 S 21E Sec. 5
5-2-C 43-047-31843 7 S 21E Sec. 5
33-3-J 43-047-31804 6 S 21E Sec. 33
33-6-F 43-047-31769 6 S 21E Sec. 33
33-7-L 43-047-31844 6 S 21E Sec. 33
33-8-N 43-047-31787 6 S 21E Sec. 33

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 550' FNL & 1900' FWL - Sec. 5, T7S, R21E NE NW		8. FARM OR LEASE NAME Alta
14. PERMIT NO. 43-047-31843		9. WELL NO. #5-2-C
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 4699 GR 4711 KB		10. FIELD AND POOL, OR WILDCAT Undesignated-Green River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T7S, R21E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Vented Gas</u>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Phoenix Nat. Gas Co. gathers and processes the gas from the referenced well. Phoenix has advised that the H2S scrubbing tower is having functional problems which causes the compressor station to go down, and which results in the venting of our gas. Columbia is not advised of the venting until after the fact, and to date the amount of venting is as follows:

Date	Hours	MCF
3/05/89	24	64
3/06/89	24	48
3/12/89	24	28
3/23/89	24	20
3/26/89	24	46
3/27/89	24	8
TOTAL	144 Hours	214 MCFs

18. I hereby certify that the foregoing is true and correct

SIGNED Frederick M. DeChamplain TITLE Regulatory Technician DATE 3/29/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



April 3, 1989

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
APR 04 1989

DIVISION OF
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Alta #5-2-C

✓ ~~Federal #33-7-L~~ DID NOT RECEIVE. NOTIFIED TRISHA D. 4/5/89
Horseshoe Bend Field
Uintah County, Utah
AWS

Dear Mr. Baza:

Enclosed please find the original and two copies each of Sundry Notices with Site Security Diagrams for each of the above referenced wells.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Regulatory Coordinator

TMD
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 500' FNL & 1900' FWL - Sec. 5, T7S, R21E		8. FARM OR LEASE NAME Alta
14. API NUMBER 43-047-31843		9. WELL NO. #5-2-C
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4699 GR 4711 KB		10. FIELD AND POOL, OR WILDCAT Undesignated-Green River
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 5, T7S, R21E
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)		12. COUNTY OR PARISH Uintah
		13. STATE Utah

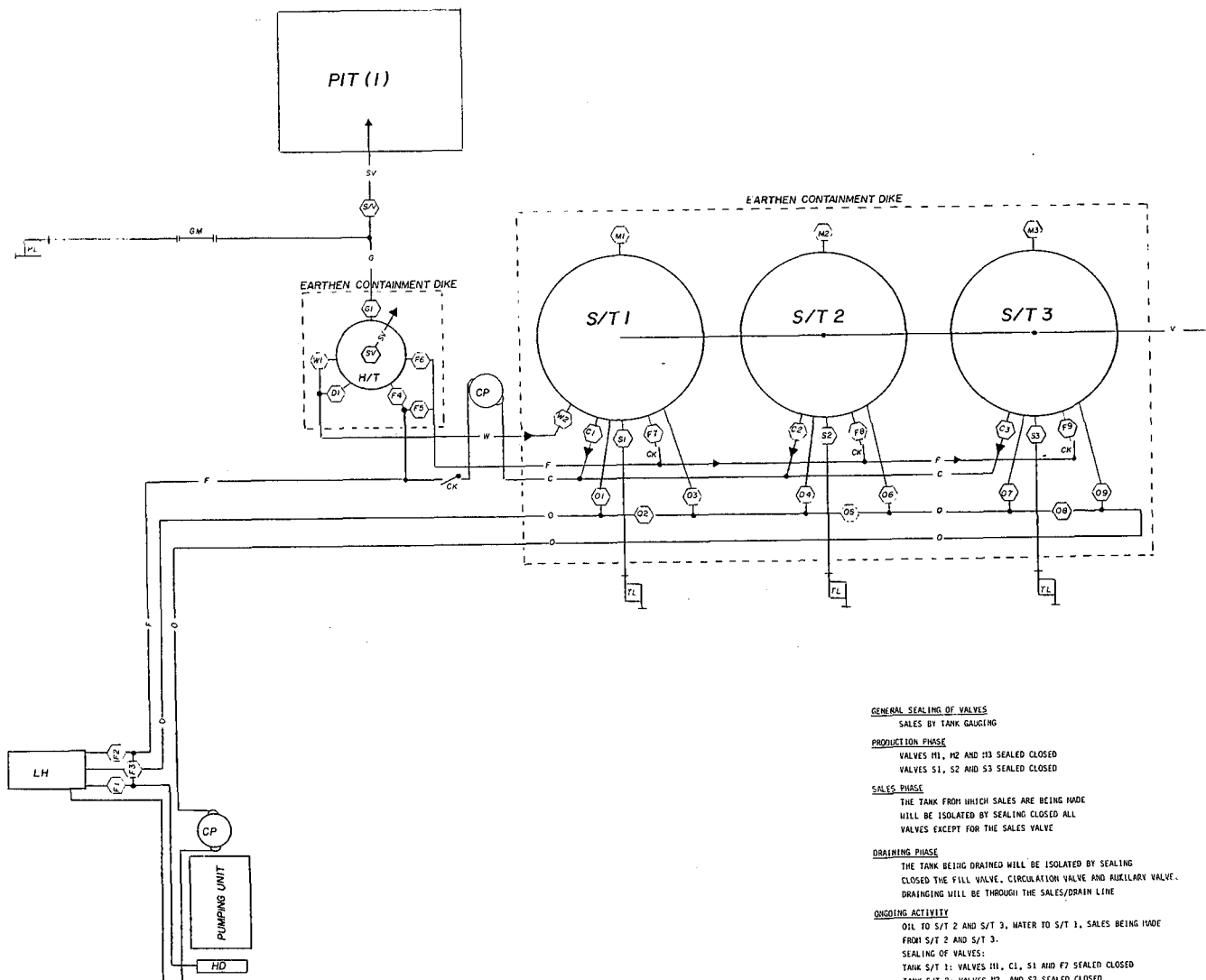
See Attached Site Security Diagram for Alta #5-2-C

18. I hereby certify that the foregoing is true and correct

SIGNED Trisha M. DiVergenti TITLE Regulatory Coordinator DATE 4/3/89

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



EQUIPMENT SYMBOLS

TREATER	HT
GAS METER	GM
STORAGE TANK	S/T
LINE HEATER	LH
CIRCULATION PUMP	CP
WELLHEAD/HEADER	HD
VALVE	SV
CHECK VALVE	CV
SAFETY VALVE	SV
TRUCK CONNECTION	TL
PIPELINE CONNECTION	PL
LINE LEGEND	
FILL LINE	-F-
SALES LINE	-S-
CIRCULATING LINE	-C-
TANK VENT LINE	-V-
WATER LINE	-W-
SAFETY VALVE VENT LINE	-SV-
GLYCOL TRACE LINE	-O-
GAS LINE	-G-
DRAIN LINE	-D-

"Fuel gas system not illustrated."

REFERENCE DRAWINGS

DWG NO	TITLE

REVISIONS

REV	DATE	DESCRIPTION	CHK'D	APP'D

rooney engineering company
DENVER COLORADO

COLUMBIA GAS DEVELOPMENT CORP

SITE SECURITY PLAN
ALTA 5-2-C
NE NW SEC.33 T.6S R.21E
UINTAH COUNTY, UTAH

SCALE: NONE
OWN BY: SNR
DATE: 2/09/69
DWG NO: D-G-105

GENERAL SEALING OF VALVES SALES BY TANK GAUGING

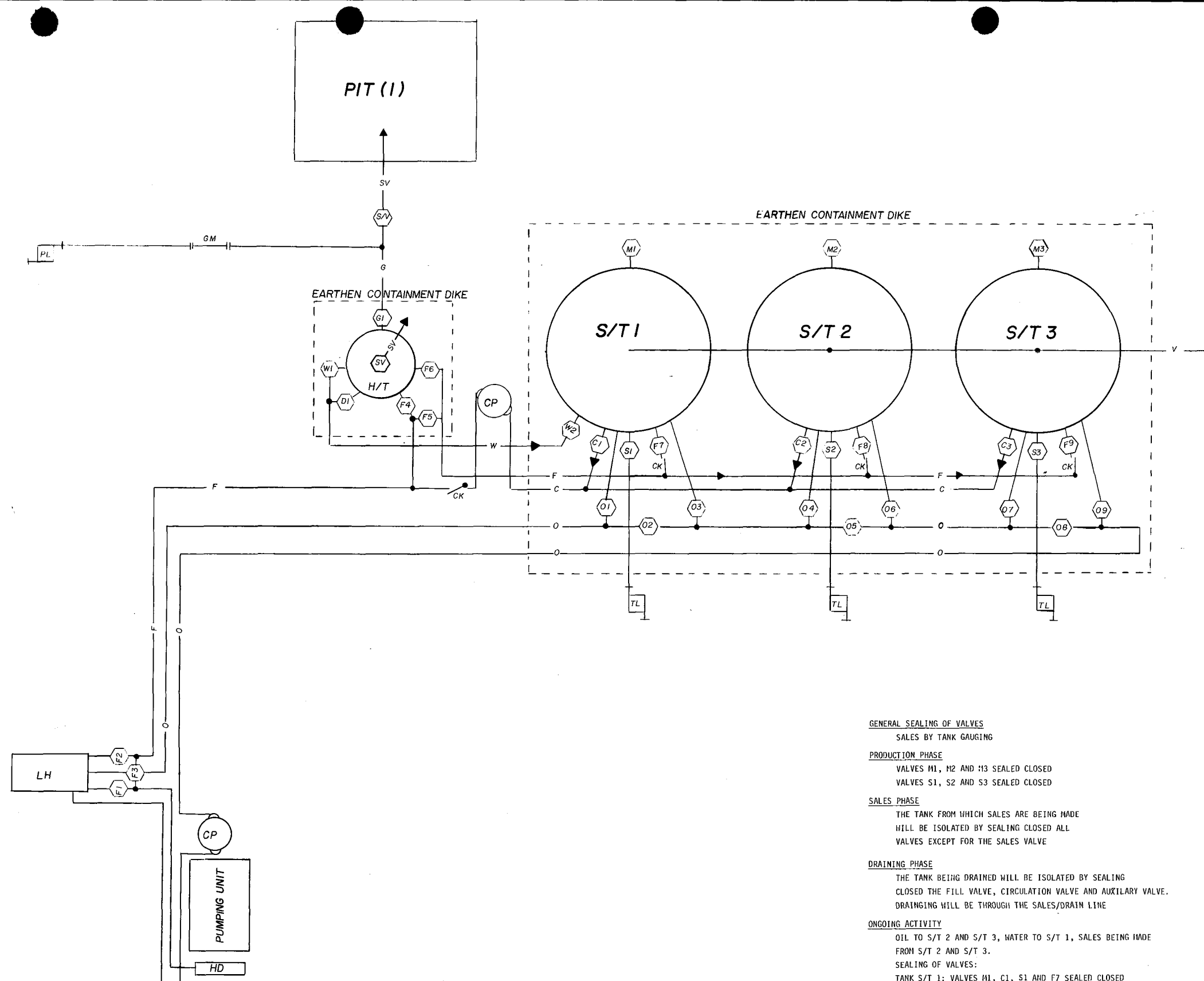
PRODUCTION PHASE
VALVES H1, H2 AND H3 SEALED CLOSED
VALVES S1, S2 AND S3 SEALED CLOSED

SALES PHASE
THE TANK FROM WHICH SALES ARE BEING MADE
WILL BE ISOLATED BY SEALING CLOSED ALL
VALVES EXCEPT FOR THE SALES VALVE

DRAINING PHASE
THE TANK BEING DRAINED WILL BE ISOLATED BY SEALING
CLOSED THE FILL VALVE, CIRCULATION VALVE AND AUXILIARY VALVE.
DRAINING WILL BE THROUGH THE SALES/DRAIN LINE

ONGOING ACTIVITY
OIL TO S/T 2 AND S/T 3, WATER TO S/T 1, SALES BEING MADE
FROM S/T 2 AND S/T 3.
SEALING OF VALVES:
TANK S/T 1: VALVES H1, C1, S1 AND F7 SEALED CLOSED
TANK S/T 2: VALVES H2, AND S2 SEALED CLOSED
TANK S/T 3: VALVES H3, AND S3 SEALED CLOSED

CIRCULATING ACTIVITY
VALVES S1, S2 AND S3 SEALED CLOSED
VALVES H1, H2 AND H3 SEALED CLOSED



GENERAL SEALING OF VALVES

SALES BY TANK GAUGING

PRODUCTION PHASE

VALVES M1, M2 AND M3 SEALED CLOSED
VALVES S1, S2 AND S3 SEALED CLOSED

SALES PHASE

THE TANK FROM WHICH SALES ARE BEING MADE
WILL BE ISOLATED BY SEALING CLOSED ALL
VALVES EXCEPT FOR THE SALES VALVE

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THE TANK BEING DRAINED WILL BE ISOLATED BY SEALING
CLOSED THE FILL VALVE, CIRCULATION VALVE AND AUXILIARY VALVE.
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ONGOING ACTIVITY

OIL TO S/T 2 AND S/T 3, WATER TO S/T 1, SALES BEING MADE
FROM S/T 2 AND S/T 3.

SEALING OF VALVES:

TANK S/T 1: VALVES M1, C1, S1 AND F7 SEALED CLOSED
TANK S/T 2: VALVES M2, AND S2 SEALED CLOSED
TANK S/T 3: VALVES M3, AND S3 SEALED CLOSED

CIRCULATING ACTIVITY

VALVES S1, S2 AND S3 SEALED CLOSED
VALVES M1, M2 AND M3 SEALED CLOSED

EQUIPMENT SYMBOLS

TREATER	HT
GAS METER	GM
STORAGE TANK	S/T
LINE HEATER	LH
CIRCULATION PUMP	CP
WELLHEAD/HEADER	HD
VALVE	○
CHECK VALVE	○
SAFETY VALVE	SV
TRUCK CONNECTION	TL
PIPELINE CONNECTION	PL

LINE LEGEND

FILL LINE	-F-
SALES LINE	-S-
CIRCULATING LINE	-C-
TANK VENT LINE	-V-
WATER LINE	-W-
SAFETY VALVE VENT LINE	-SV-
GLYCOL TRACE LINE	-O-
GAS LINE	-G-
DRAIN LINE	-D-

"Fuel gas system not illustrated."

REFERENCE DRAWINGS

DWG. No.	TITLE

REVISIONS

REV.	DATE	DESCRIPTION	CHK'D	APP'D

rooney engineering company

DENVER COLORADO

COLUMBIA GAS DEVELOPMENT CORP.

SITE SECURITY PLAN
ALTA 5-2-C
NE NW SEC.33 T.6S R.21E
UINTAH COUNTY, UTAH

SCALE NONE DWG. BY SNR DATE 2/09/89 DWG. NO. D-G-105

WATER ANALYSIS REPORT

EXXON CHEMICAL COMPANY
P.O. Box 4321 Houston, Texas 77210-4321
Tel. (713) 460-6800 Telex: 4942225 ENCEHOU

EXXON
CHEMICALS

COMPANY Columbia Gas Development Corp						SHEET NUMBER	
FIELD Horseshoe Bend						DATE 4/20/89	
COUNTY OR PARISH Uintah County						STATE Utah	
LEASE OR UNIT Alta #5-2-C		SAMPLE SOURCE Treater		WATER SOURCE (FORMATION)			
DEPTH FT.	BHT, °F	SAMPLE SOURCE	TEMP., °F	WATER, BBL/DAY	OIL, BBL/DAY	GAS, MMCF/DAY	
DATE SAMPLED 4/17/89		TYPE OF WATER: <input type="checkbox"/> PRODUCED <input type="checkbox"/> SUPPLY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> SALTWATER DISPOSAL TYPE OF PRODUCTION: <input type="checkbox"/> PRIMARY <input type="checkbox"/> WATERFLOOD <input type="checkbox"/> CO ₂ FLOOD <input type="checkbox"/> POLYMER FLOOD <input type="checkbox"/> STEAMFLOOD					

WATER ANALYSIS PATTERN
(NUMBER BESIDE ION SYMBOL INDICATES me/ISCALE UNIT)

Na ⁺	20	15	10	5	0	5	10	15	20	Cl ⁻
Ca ⁺⁺										HCO ₃ ⁻
Mg ⁺⁺										SO ₄ ⁼
Fe ⁺⁺⁺										CO ₃ ⁼

DISSOLVED SOLIDS			DISSOLVED GASES	
CATIONS	me/l	mg/l	HYDROGEN SULFIDE, H ₂ S	21.6 mg/l
TOTAL HARDNESS	26.2	---	CARBON DIOXIDE, CO ₂	mg/l
CALCIUM, Ca ⁺⁺	18.25	365.0	OXYGEN, O ₂	mg/l
MAGNESIUM, Mg ⁺⁺	7.95	96.99	PHYSICAL PROPERTIES	
IRON (TOTAL) Fe ⁺⁺⁺	.02	.5	pH	8.4
BARIUM, Ba ⁺⁺	0	0	Eh (REDOX POTENTIAL)	MV
SODIUM, Na ⁺ (CALC.)	513.49	11810.27	SPECIFIC GRAVITY	
ANIONS	me/l	mg/l	TURBIDITY, FTU UNITS	
CHLORIDE, Cl ⁻	464.79	16500.0	TOTAL DISSOLVED SOLIDS (CALC.)	30,009.16 mg/l
SULFATE, SO ₄ ⁼	.21	10.0	STABILITY INDEX @ 50 °F	+ .05
CARBONATE, CO ₃ ⁼	2.8	84.0	@ 77 °F	+ .28
BICARBONATE, HCO ₃ ⁻	18.4	1122.444	@ 122 °F	+ .85
HYDROXYL, OH ⁻	0	0	@ 158 °F	+1.52
SULFIDE, S ⁼	1.11	20.0	@ °F	mg/l
			MAX. CaSO ₄ POSSIBLE (CALC.)	mg/l
			MAX. BaSO ₄ POSSIBLE (CALC.)	mg/l
			RESIDUAL HYDROCARBONS	ppm (Vol/Vol)

SUSPENDED SOLIDS (QUALITATIVE) ☐ IRON SULFIDE ☐ IRON OXIDE ☐ CALCIUM CARBONATE ☐ CALCIUM SULFATE ☐ ACID INSOLUBLE

REMARKS AND RECOMMENDATIONS:

EC ENGINEER Scott Beddes	DIST. NO. 832	ADDRESS Vernal, Utah	OFFICE PHONE (801) 789-2069	HOME PHONE 789-0258
ANALYZED BY Scott Beddes	DATE 4/20/89	DISTRIBUTION <input checked="" type="checkbox"/> CUSTOMER <input type="checkbox"/> EC ENGINEER	<input type="checkbox"/> REGION	<input checked="" type="checkbox"/> DISTRICT



May 2, 1989

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
MAY 03 1989

Attention: Mr. John Baza

Reference: Alta #5-2-C
Sec. 5, T7S, R21E
Uintah County, Utah

DIVISION OF
OIL, GAS & MINING

Dear Mr. Baza:

Enclosed please find the original and two copies of Columbia's Sundry Notice requesting permission to construct an emergency pit at the above referenced wellsite. Also enclosed is a copy of the water analysis for the same.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

A handwritten signature in cursive script, appearing to read "Trisha M. DiClementi".

Trisha M. DiClementi
Regulatory Coordinator

TMD
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. Fee
2. NAME OF OPERATOR Columbia Gas Development Corporation 713/787-3400		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NA
3. ADDRESS OF OPERATOR P. O. Box 1350, Houston, TX 77251-1350		7. UNIT AGREEMENT NAME NA
4. LOCATION OF WELL (Report location clearly and in accordance with any applicable regulations. See also space 17 below.) At surface 500' FNL & 1900' FWL - Sec. 5, T7S, R21E NE NW		8. FARM OR LEASE NAME Alta
		9. WELL NO. #5-2-C
		10. FIELD AND POOL, OR WILDCAT Undesignated-Green River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T7S, R21E
14. PERMIT NO. 43-047-31843	15. ELEVATIONS (Show whether of, to, or from) 4699 GR 4711 NW	12. COUNTY OR PARISH Uintah
DIVISION OF OIL, GAS & MINING		13. STATE Utah

RECEIVED
MAY 03 1989

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Permission for Emergency Pit <input checked="" type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Maintain a fenced emergency pit under R615-9-8 which is 28'x28'x5' and located 235' from the well. The pressure relief valve on top of the heater treater is piped to this pit. This pit will be used if the flowline between the heater treater and the tanks becomes plugged. If this happens, the pressure relief valve will open and the fluids will safely flow to this pit. This pit will not be used for water disposal since there is a water tank. Water is to be disposed of by trucking it out to one of the listed disposal pits. (SEE ATTACHED)

Estimated Evaporation Rate: 34" from March 1 to October 31. 0" from October 31 to March 1.
(Information from the USDA Soil Conservation Service)

Estimated Percolation Rate: Adjacent to Pit-Sandy loam with 70% sand, 20% silt, and 10% clay which corresponds to a 4.2" per hour soil permeability.
Bottom of Pit-Sandy loam with 70% sand, 20% silt, and 10% clay which corresponds to a 4.2" per hour soil permeability.

The sand, silt, clay analysis performed by Richard Foster of the USDA Soil Conservation Service in Vernal, Utah. The permeability correlation is from the "Soil Permeability Class Related to Texture" published by the U.S. Department of Agriculture, Bureau of Plant Industry, Soils, & Agricultural Engineering.

Depth & Areal Extent of All Usable Water: The depth^{base} of usable water aquifers in the Horseshoe Bend Field is between 2000' and 3000' and extends across the entire field area. This data is from Gilbert Hunt of Utah's Division of Oil, Gas & Mining.

Water Analysis: Attached.

18. I hereby certify that the foregoing is true and correct

SIGNED

Frank M. McCombs

TITLE Regulatory Coordinator

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:

3-16-87

BY:

420

ATTACHMENT

DISPOSAL PITS

Water is to be disposed of by trucking it out to one of the following disposal pits:

<u>OPERATOR</u>	<u>LOCATION</u>	<u>AREA</u>	<u>COUNTY</u>
Grant Bleazard	S30; T2S; R4W; USM	Blue Bench	Duchesne
Max Chapoose	S27; T1N; R2W; USM	Neola	Duchesne
Grant Hansen	S7 ; T3S; R3W; USM	Arcadia	Duchesne
Hansen - Mitchell	S8 ; T3S; R4W; USM	Arcadia	Duchesne
Dave Murray	S12; T5S; R19E; SLB&M	Lapoint	Uintah
Coastal Oil & Gas	S3 ; T10S; R21E; SLB&M	White River	Uintah
Dorrant Freston	S32; T1S; R1W; USM	Roosevelt	Duchesne

**FEDERAL
EXPRESS®**USE THIS AIRBILL FOR DOMESTIC SHIPMENTS WITHIN THE CONTINENTAL U.S.A., ALASKA AND HAWAII
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1727295393*Control # 0518009438***SENDER'S COPY**

Sender's Federal Express Account Number 0770-2829-3		Date 12/21/88	
From (Your Name) Please Print T. M. DICLEMENTI		Your Phone Number (Very Important) (713) 787-3400	
Company COLUMBIA GAS DEVELOPMENT		To (Recipient's Name) Please Print MR. JOHN BAZA	
Street Address 5847 SAN FELIPE STE 2600		Recipient's Phone Number (Very Important) (801) 538-5340	
City HOUSTON TX		Department/Floor No. UTAH DIVISION OF OIL, GAS & MINING	
State TX		Exact Street Address (We cannot deliver to P.O. Boxes or P.O. Zip Codes.) 355 W. NORTH TEMPLE, 3 TRIAD CENTER, SUITE 350	
ZIP Required 77057		City SALT LAKE CITY, UT	
		State UT	
		ZIP Required 84180-1203	

YOUR BILLING REFERENCE INFORMATION (FIRST 24 CHARACTERS WILL APPEAR ON INVOICE.)**IF HOLD FOR PICK-UP, Print FEDEX Address Here**

PAYMENT ☐ Bill Sender ☐ Bill Recipient's FedEx Acct. No. ☐ Bill 3rd Party FedEx Acct. No. ☐ Bill Credit Card
☐ Cash

City State ZIP Required

SERVICES		DELIVERY AND SPECIAL HANDLING		PACKAGES	WEIGHT	YOUR DECLARED VALUE (See right)	OVER SIZE
1 <input type="checkbox"/> PRIORITY 1 Overnight Delivery	6 <input type="checkbox"/> OVERNIGHT LETTER*	1 <input type="checkbox"/> HOLD FOR PICK-UP (Fill in Box 1)			LBS		
2 <input type="checkbox"/> COURIER-PAK OVERNIGHT ENVELOPE*	7 <input type="checkbox"/>	2 <input type="checkbox"/> DELIVER WEEKDAY			LBS		
3 <input type="checkbox"/> OVERNIGHT BOX	8 <input type="checkbox"/>	3 <input type="checkbox"/> DELIVER SATURDAY (Extra charge)			LBS		
4 <input type="checkbox"/> OVERNIGHT TUBE	9 <input type="checkbox"/>	4 <input type="checkbox"/> DANGEROUS GOODS			LBS		
5 <input type="checkbox"/> STANDARD AIR Delivery not later than second business day	10 <input type="checkbox"/>	5 <input type="checkbox"/> CONSTANT SURVEILLANCE SERVICE (CSS) (Extra charge) (Release Signature Not Applicable)	Total	Total	Total		
		6 <input type="checkbox"/> DRY ICE Lbs.	Received At 1 <input type="checkbox"/> Regular Stop 2 <input type="checkbox"/> On-Call Stop 3 <input type="checkbox"/> Drop Box 4 <input type="checkbox"/> B.S.C. 5 <input type="checkbox"/> Station				
		7 <input type="checkbox"/> OTHER SPECIAL SERVICE	FEDEX Corp. Employee No.				
		8 <input type="checkbox"/>	Date/Time for FEDEX Use				
		9 <input type="checkbox"/> SATURDAY PICK-UP (Extra charge)					
		10 <input type="checkbox"/>					
		11 <input type="checkbox"/>					
		12 <input type="checkbox"/> HOLIDAY DELIVERY (if offered) (Extra charge)					

*Declared Value Limit \$100.

SERVICE CONDITIONS, DECLARED VALUE AND LIMIT OF LIABILITY

Use of this airbill constitutes your agreement to the service conditions in our current Service Guide which is available upon request. See back of sender's copy of this airbill for further information.

We will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay or non-delivery unless you specify a higher amount in the space to the left, pay 40¢ per additional \$100 specified and document your actual loss in the event of a claim. Maximum amount limitations found in the current Federal Express Service Guide apply. Your rights to recover from Federal Express for loss of the intrinsic value of the package, as well as for loss of sales, income, interest, profit, attorneys fees, costs and any other form of damage whether direct, incidental, consequential or special is limited to the greater of \$100 or the declared value specified to the left. In no event shall your recovery exceed your actual loss.

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Sender authorizes Federal Express to deliver this shipment without obtaining a delivery signature and shall indemnify and hold harmless Federal Express from any claims resulting therefrom.

Release
Signature: _____

Federal Express Use

Base Charges

Declared Value Charge

Other 1

Other 2

Total Charges

PART #111800
REVISION DATE 7/88
PRINTED IN U.S.A. FXEM**009**

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SENDER'S COPY

5/22/89

To: John Bore

UTAH Div. of Oil, Gas & Mining
801/359-3940

From: Trish DiClementi

CBDC

713/787-3482

Attached: 4 Sheets
(Ltr & Compl. Rept.)

COLUMBIA GAS**Development**

December 21, 1988

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attention: Mr. John Baza

Reference: Alta #5-2-C
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

Enclosed please find the original and two copies of Columbia's Completion Report for the above referenced well. Also enclosed are two copies of the logs which were run on the well.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.

Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Alta

9. WELL NO.

5-2-C

10. FIELD AND POOL OR WILDCAT

Undesignated-Green River

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 5, T7S, R21E

12. COUNTY OR

Utah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other _____

3. NAME OF OPERATOR

Columbia Gas Development Corporation

713/787-3400

4. ADDRESS OF OPERATOR

P. O. Box 1350, Houston, TX 77251-1350

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 500' ENL & 1900' FWL - Sec. 5, T7S, R21E NE NW

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

API#43-047-31843

DATE ISSUED

6/27/88

15. DATE SPUDDED

8/6/88

16. DATE T.O. REACHED

8/27/88

17. DATE COMPL. (Ready to prod.)

9/17/88

18. ELEVATIONS (DT, BKA, ET, OR, ETC.)*

4699 GR 4711 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7140' MD/TVD

21. PLUG BACK T.O., MD & TVD

7089' MD/TVD

22. IF MULTIPLE COMPL.

HOW MANY*

23. INTERVALS

DEILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

6893-7053, 6671-6730

GREEN RIVER

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CDL/CNS, DIL, LSS

27. WAS WELL CORDED

No

28. CASING RECORD (Report all strings set in well)

CAS.	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
13		35'	17-1/2"	Driven	NA
8-5/8"	24#	389'	12-1/4"	275 sx Class H	NA
5-1/2"	15.5#	7139'	7-7/8"	260 sx Class H	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	FACE SET (MD)
2-3/8"					2-3/8"	6593'	6593'

31. PERFORATION RECORD (Interval, size and number)

See Attachment

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/26/88		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/9/88	72	Open	—————→	26	5	45	192.31	
FLOW, TUBING CORRECTION	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
30		—————→	20	8	32	37.8		

34. DISPOSITION OF GAS (sold, used for fuel, vented, etc.)

Transported by Basin Trans. Sold to Permian

TEST WITNESSED BY

Jay Haslem

35. LIST OF ATTACHMENTS

Perforation Record, CDL/CNS, DIL, LSS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

T. M. N. Choquet

TITLE: Regulatory Technician

DATE 12/21/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and provisions, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on Items 22 and 24, and 30, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (dip logs, geologic logs, sample and core analysis, all types electric, etc.), formation and pressure tests, and all regional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be filed on this form, see Item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments Items 22 and 24. If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and zone(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to each interval.

Item 24: "Sacks Cement". Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 31: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORES INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDING

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	AS	GEOLOGIC MARKERS	MEAS. DEPTH	TOP	1500 FEET DEPTH
			NO DSTs WERE TAKEN		Uinta "B"	3171		3171
					Green River	3700		3700
					Green River H	6088		6088
					Green River J	6534		6534
					Wasatch	7058		7058

ATTACHMENT TO COMPLETION REPORT

ALTA #5-2-C
UTAH COUNTY, UTAHPerforation Record

7050-7053 (6 holes)
7032-7035 (6 holes)
7009-7011 (4 holes)
6966-6970 (8 holes)
6946-6951 (10 holes)
6938-6942 (8 holes)
6893-6897 (8 holes)
6870-6872 (3 holes)
6862-6864 (3 holes)
6821-6823 (3 holes)
6816-6818 (3 holes)
6806-6810 (4 holes)
6751-6762 (8 holes)
6728-6730 (2 holes)
6700-6704 (3 holes)
6686-6694 (6 holes)
6671-6674 (2 holes)

Size of Gun used: 3 3/8" spiral jet csg gun

Depth IntervalAmount and Kind of Material Used

6671-6730	12000# 20/40, 67500 100 mesh, 178000# 20/40, 5400 BBL fluid (gelled water)
6893-7053	65000# 100 Mesh, 274000# 20/40, 5047 BBL gel

COLUMBIA GAS

Development



December 21, 1988

State of Utah Natural Resources
Division of Oil, Gas & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED
JUN 01 1989

DIVISION OF
OIL, GAS & MINING

Attention: Mr. John Baza

Reference: Alta #5-2-C
Horseshoe Bend Field
Uintah County, Utah

Dear Mr. Baza:

Enclosed please find the original and two copies of Columbia's Completion Report for the above referenced well. Also enclosed are two copies of the logs which were run on the well.

Should you have any questions, or require additional information, please contact me at 713/787-3400.

Very Truly Yours,

Trisha M. DiClementi

Trisha M. DiClementi
Regulatory Technician

tmd
Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

2. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVER. ☐ Other _____

3. NAME OF OPERATOR

713/787-3400

Columbia Gas Development Corporation

4. ADDRESS OF OPERATOR

P. O. Box 1350, Houston, TX 77251-1350

5. LOCATION OF WELL (Report location clearly and in accordance with instructions)

At surface 500' FNL & 1900' FWL - Sec. 5, T7S, R21E NE NW

At top prod. interval reported below
Same

At total depth

Same

14. PERMIT NO.

API#43-047-318401 GAS & MINING

JUN 01 1989

6. LEASE DESIGNATION AND SERIAL NO.

Fee

7. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

8. UNIT AGREEMENT NAME

NA

9. FARM OR LEASE NAME

Alta

10. WELL NO.

5-2-C

11. FIELD AND POOL, OR WILDCAT

Undesignated-Green River

12. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5, T7S, R21E

13. COUNTY OR

Utah

14. STATE

Utah

15. DATE SPUDDED

8/6/88

16. DATE T.D. REACHED

8/27/88

17. DATE COMPL. (Ready to prod.)

9/17/88

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

4699 GR 4711 KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

7140' MD/TVD

21. PLUG. BACK T.D., MD & TVD

7089' MD/TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

24. PRODUCING INTERVAL(S), OF THE FOLLOWING: TOP, BOTTOM, NAME (MD AND TVD)*

6893-7053,

6671-6750

GREEN RIVER

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGGING

CDL/CNS, DLL, LSS

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	35'	17-1/2"	Driven	NA
8-5/8"	24# 389'	12-1/4"	275 sx Class H	NA
5-1/2"	15.5# 7139'	7-7/8"	260 sx Class H	NA

29. MAJOR RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA	24'				2-3/8"	6593'	6593'

30. PERFORATION RECORD (Interval, size and number)

See Attachment

31. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
See Attachment	

32. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/26/88		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/7/88	72	Open	————→	26	5	45	192.31	
FLOW. TURNING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
30		————→	20	8	32	37.8		

33. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Transported by Basin Trans. Sold to Permian

TEST WITNESSED BY

Jay Haslem

34. LIST OF ATTACHMENTS

Perforation Record, CDL/CNS, DLL, LSS

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Trish M. McChesney TITLE Regulatory TechnicianDATE 12/21/88

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See Instructions on Items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (lithology, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and additional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

Item 1: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 21 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERING

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
			NO DSTs WERE TAKEN		Uinta "B"	3171		3171
					Green River	3700		3700
					Green River H	6088		6088
					Green River J	6534		6534
					Wasatch	7058		7058

OIL AND G.	
DRN	R.
<input checked="" type="checkbox"/> JRB	GLH
DTS	SLS
2-TAS	<input checked="" type="checkbox"/>
3- MICROFILM	<input checked="" type="checkbox"/>
4- FILE	<input checked="" type="checkbox"/>

ATTACHMENT TO COMPLETION REPORT

ALTA #5-2-C
UINTAH COUNTY, UTAH

Perforation Record

7050-7053 (6 holes)
7032-7035 (6 holes)
7009-7011 (4 holes)
6966-6970 (8 holes)
6946-6951 (10 holes)
6938-6942 (8 holes)
6893-6897 (8 holes)
6870-6872 (3 holes)
6862-6864 (3 holes)
6821-6823 (3 holes)
6816-6818 (3 holes)
6806-6810 (4 holes)
6751-6762 (8 holes)
6728-6730 (2 holes)
6700-6704 (3 holes)
6686-6694 (6 holes)
6671-6674 (2 holes)

Size of Gun used: 3 3/8" spiral jet csg gun

Depth Interval

Amount and Kind of Material Used

6671-6730	12000# 20/40, 67500 100 mesh, 178000# 20/40, 5400 BBL fluid (gelled water)
6893-7053	65000# 100 Mesh, 274000# 20/40, 5047 BBL gel

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

SONJA ROLFES
COLUMBIA GAS DEVELOPMENT
PO BOX 1350
HOUSTON TX 77251

UTAH ACCOUNT NUMBER: N5035REPORT PERIOD (MONTH/YEAR): 6 / 96AMENDED REPORT ☐ (Highlight Changes)

Well Name			Producing Zone	Well Status	Days Oper	Production Volumes		
API Number	Entity	Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
GOVT EVELYN CHAMBERS #1								
4303730572	07100	31S 24E 6	ISMY			- 1126467		
GOVT EVELYN CHAMBERS #2								
4303730612	07100	31S 24E 5	ISMY			- 1126467		
FEDERAL 33-8-N								
4304731787	10760	06S 21E 33	GRRV			- 1137116		
COWDEN 31-3-C								
4304731768	10761	06S 21E 31	GRRV			- 1131736		
ALTA #5-1-B								
4304731776	10771	07S 21E 5	GRRV			- FEE	(Bondok)	
FEDERAL 33-6-F			SE NW					
4304731769	10779	06S 21E 33	GRRV			- 1128212		
ERAL 33-3-J			NW SE					
4304731804	10787	06S 21E 33	GRRV			- 1128212		
FEDERAL 33-7-L			NW SW					
4304731844	10915	06S 21E 33	GRRV			- 1150687	(A.A. 11260783)	
ALTA 5-2-C								
4304731843	10916	07S 21E 5	GRRV			- FEE	(Bondok)	
KANE SPRINGS FEDERAL 27-1								
4301931310	11180	25S 19E 27	CNCR			- 1165971	Kane Springs Unit	
KANE SPRINGS FEDERAL 19-1A								
4301931324	11353	26S 20E 19	CNCR			- 112153626	Kane Springs Unit	
KANE SPRINGS FEDERAL 28-1								
4301931325	11354	25S 19E 28	CNCR			- 1150678	Kane Springs Unit/Non RA	
KANE SPRINGS FEDERAL 10-1								
4301931331	11414	25S 18E 10	CNCR			- 1121647858	Kane Springs Unit	
TOTALS								

COMMENTS:

hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

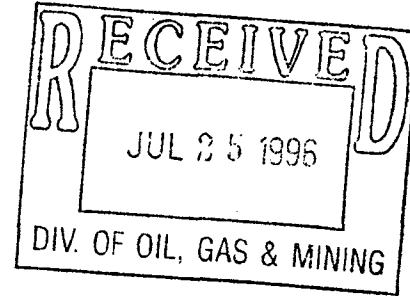
Telephone Number: _____



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3100
U-968 et al
(UT-932)

JUL 23 1996

NOTICE

Aviara Energy Corporation
P.O. Box 1350
Houston, Texas 77251-1350

Oil and Gas
U-968 et al

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Columbia Gas Development Corporation to Aviara Energy Corporation on Federal oil and gas leases.

For our purposes, the name change is recognized effective May 1, 1996 (Secretary of State's approval date).

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator is required by our Field Offices, you will be contacted by them.

Due to the name change, the name of the principal on the bond is required to be changed from Columbia Gas Development Corporation to Aviara Energy Corporation on Bond No. U-391050-16RR (BLM No. CO0356). A rider effecting this change has been submitted to the Colorado State Office of the BLM, which holds this nationwide bond.

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

Enclosure

Exhibit (1 p.)

bc: Lisha Cordova, State of Utah, Division of Oil, Gas and Mining, P.O. Box 145801, Salt Lake City, Utah 84114-5801
MMS-Data Management Division, MS 3113, P.O. Box 5860, Denver, CO 80217
Moab District Office
Vernal District Office
Teresa Thompson (UT-931)
Irene Anderson (UT-932)

Exhibit of Leases

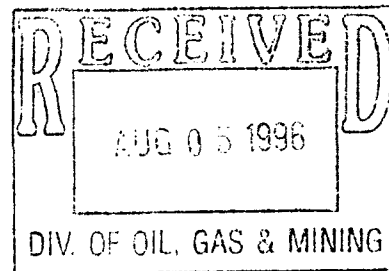
U-968	U-52277	UTU-65329
U-6911	U-52641	UTU-65795
U-15051	U-53624	UTU-65971
U-26467	U-53626	UTU-65972
U-28212	U-54037	UTU-65973
U-31736	U-55510	UTU-66020
U-34023	U-58517	UTU-66025
U-37116	U-60530	UTU-66849
U-46693	U-61182	UTU-67132
U-46697	U-61588	UTU-67552
U-47858	U-62181	UTU-67558
U-49964	U-62679	UTU-67854
U-50393	U-62832	UTU-68116
U-50678	U-62833	UTU-68117
U-50683	U-62906	UTU-68118
U-50687	U-63127	UTU-68122
U-51239	U-63128	UTU-68232
U-51636	UTU-64538	UTU-68342
U-51826	UTU-64927	UTU-69029
U-60780 (CA)	U-60783 (CA)	UTU-73405
UTU-67755X (Kane Springs Unit)		

Aviara Energy Corporation

VIA AIRBORNE EXPRESS

2 August 1996

State of Utah - Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114



Re: Notification of Name Change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation".

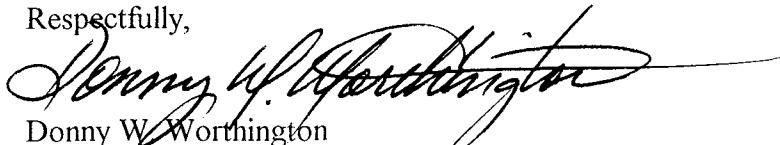
Dear Sirs;

Attached please find documents relating to our company name change from "Columbia Gas Development Corporation" to "Aviara Energy Corporation". I have attached our surety bond rider showing the name change of the principal as well as documents relating to the Corporate name change. These Corporate name change documents contain a Certificate of Corporate Resolution, a Certificate of Amendment of Certificate of Incorporation by the Secretary of State of the State of Delaware evidencing a change of name effective April 30, 1996 from "Columbia Gas Development Corporation" to "Aviara Energy Corporation" and an amended Certificate of Incumbency in accordance with the regulations concerning qualifications of corporations holding Federal leases. I have also attached a list of wells and their locations that will be affected by the name change.

We hereby formally request your acceptance of this rider, and thus, our name change. Please sign the rider and return the appropriate copies to Aviara Energy Corporation (attn: Mr. Dean Roy). Also, please have your office make the necessary changes in your records to reflect this name change at this time.

Should you have questions or require additional information, please feel free to call me at (713) 871-3631. Thank you.

Respectfully,


Donny W. Worthington
Manager, Environmental, Safety & Regulatory

DWW/
attachments:

One Riverway, P.O. Box 1350, Houston, Texas 77251-1350 Telephone (713) 871-3400

UTAH

GRAND COUNTY

KANE SPRINGS FIELD

LOCATION

Kane Springs Federal #10-1	10-25S-18E
Kane Springs Federal Unit #16-1	16-25S-18E
Kane Springs Federal #19-1A	19-26S-20E
Kane Springs Federal #27-1	27-25S-19E
Kane Springs Federal #34-1	34-25S-19E
<i>Kane Springs Fed. 28-1</i>	<i>28-25S-19E</i>
<i>Kane Springs Fed. 20-1</i>	<i>20-26S-19E</i>

SAN JUAN COUNTY

LISBON FIELD

Government Evelyn Chambers #1 (T&Ad)
Government Evelyn Chambers #2 (T&Ad)

UINTAH COUNTY

HORSESHOE BEND FIELD

WELL

LOCATION

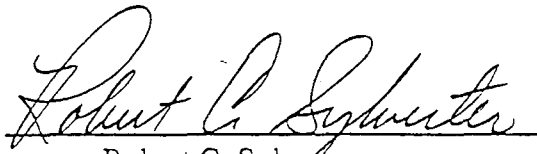
Alta 5-1-B	5-7S-21E
Alta 5-2-C	5-7S-21E
Cowden 31-3-C	31-6S-21E
Federal 33-3-J	33-6S-21E
Federal 33-6-F	33-6S-21E
Federal 33-7-L	33-6S-21E
Federal 33-8-N	33-6S-21E

CERTIFICATE

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a corporation organized and existing under the laws of the State of Delaware, do hereby certify that the attached document titled Certificate of Amendment of Certificate of Incorporation is a true and correct copy of the Certificate of Amendment of Certificate of Incorporation filed in the Secretary of State of the State of Delaware's office on April 30, 1996.

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said Corporation this

5th day of July, 1996.



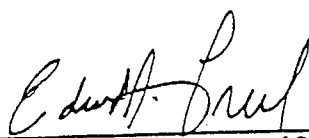
Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

Office of the Secretary of State

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COLUMBIA GAS DEVELOPMENT CORPORATION", CHANGING ITS NAME FROM "COLUMBIA GAS DEVELOPMENT CORPORATION" TO "AVIARA ENERGY CORPORATION", FILED IN THIS OFFICE ON THE THIRTIETH DAY OF APRIL, A.D. 1996, AT 1:15 O'CLOCK P.M.




Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE:

7928485

05-01-96

0735923 8100

960125685

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 01:15 PM 04/30/1996
960124621 - 735923

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
COLUMBIA GAS DEVELOPMENT CORPORATION

Columbia Gas Development Corporation (the "Corporation"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware,

DOES HEREBY CERTIFY:

FIRST: That the Certificate of Incorporation of Columbia Gas Development Corporation is amended by amending Article First thereof to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter called "the Corporation") is Avlara Energy Corporation."

SECOND: That said amendment was duly adopted in accordance with the provisions of §242 of the General Corporation Law of the State of Delaware and has been consented to in writing by the sole stockholder in accordance with §228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said Columbia Gas Development Corporation has caused this Certificate to be signed by Larry J. Bainter, its ~~Secretary~~ this 29th day of April 1996.

Pre-Registered
[Signature]

COLUMBIA GAS DEVELOPMENT CORPORATION

By: *[Signature]*
Name: Larry J. Bainter
~~Secretary~~

CERTIFICATE

The undersigned hereby certifies that he is Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Corporation"), that on the 19th day of June, 1996 by Unanimous Consent of the Board of Directors of the Corporation in Lieu of Special Meeting, pursuant to Section 141(f) of the Delaware Corporation Law, the following resolutions were adopted, with the same force and effect as though adopted at a Special Meeting of the Board of Directors of the Corporation duly called and held, that such resolutions are now in full force and effect, and that said resolutions have not been amended or rescinded:

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be and each of them is hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all bids for leases from the United States of America, through the Minerals Management Service (Department of Interior), of any tract or tracts owned by the United States of America, located in either onshore or offshore areas, including tracts in the Outer Continental Shelf, as may at any time, and from time to time, heretofore have been offered or hereafter may be offered for lease by the United States of America, all on such terms and conditions as may be specified in any such offer to lease and on such terms and conditions and for such consideration as the aforementioned officers of the corporation, or any one of them, may deem proper and advisable; and to further execute on behalf of the Corporation all agreements and other instruments (including, without limitation, applications, bids, leases, bonds, assignments, relinquishments, prospecting permits, division and transfer orders, guarantees, indemnities, designations of operator, unitization agreements, operating agreements, liquids commingling agreements, general correspondence and any other documents) which may be necessary, useful or expedient at any time in carrying on the business of the Corporation involving any such lease or asset with the United States of America or any agency, bureau or department thereof; and

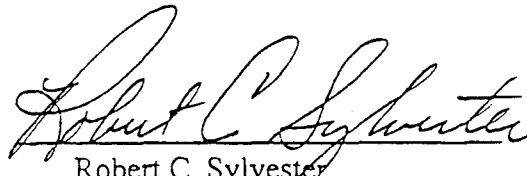
RESOLVED, that, any of such officers is further authorized and empowered to sell, assign, transfer, convey and deliver, in the name and on behalf of the Corporation any or all right, title and interest of any character in any lease or asset now owned or hereafter acquired by the Corporation covering any tract or tracts owned by the United States of America, or obtained or used in connection therewith, wherever located, for such prices and upon such terms and conditions as shall be approved by the Board of Directors; and

RESOLVED, that, the Chairman and Chief Executive Officer, the President and Chief Operating Officer, the Vice Presidents and the Secretary of the Corporation, be, and each of them is, hereby authorized and empowered, without the joinder of any other officer of the Corporation, to execute for and on behalf of the Corporation, any and all agreements and other instruments (including without limitation assignments of mining leases, prospecting permits, letter agreements,

consent forms, applications and approval letters) with the Tribe(s) of the Fort Peck Reservation and the Three Affiliated Tribes of the Fort Berthold Indian Reservation or any agency, bureau or department thereof, or any agency, bureau or department of the United States of America concerning same on such terms and conditions as may be specified and for such consideration as he may deem proper and advisable which may be necessary, useful or expedient at any time in carrying on the business of the Corporation upon the aforementioned Reservations; and

RESOLVED, that, the foregoing resolutions be deemed, and are effective, for all purposes as of April 30, 1996.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed the seal of the Corporation this 5th day of July, 1996.


Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

STATE OF TEXAS §
 §
COUNTY OF HARRIS §

STATEMENT OF AVIARA ENERGY CORPORATION

The undersigned, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, being first duly sworn on his oath, states that the following is correct to the best of his knowledge.

1. State of Incorporation. Aviara Energy Corporation is incorporated in the State of Delaware.
2. Authorization to hold oil and gas leases on OCS and other federal lands. Aviara Energy Corporation is authorized to hold oil and gas leases on the Outer Continental Shelf, on other federal lands, including onshore lands, and on tribal lands administered by the Bureau of Indian Affairs or other agency.

Dated this 5th day of July, 1996.

AVIARA ENERGY CORPORATION

By Robert C. Sylvester
Robert C. Sylvester
Assistant Secretary

CORPORATE SEAL

SUBSCRIBED AND SWORN TO before me this 5th day of July, 1996.

Carolyn Oliver
Notary Public, State of Texas



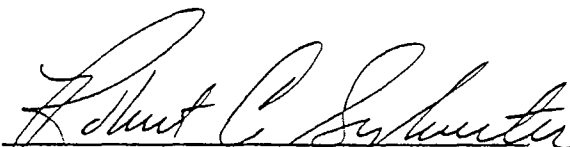
CAROLYN OLIVER
NOTARY PUBLIC, STATE OF TEX.
MY COMMISSION EXPIRES
JULY 19, 1997

CERTIFICATE OF INCUMBENCY

I, Robert C. Sylvester, Assistant Secretary of Aviara Energy Corporation, a Delaware corporation (the "Company"), do hereby certify that the following named persons now are, and at all times on and subsequent to April 30, 1996, have been duly elected or appointed, qualified and acting officers of the Company holding the offices set after their respective names as follows:

Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
David M. McCubbin	Vice President
Gary J. Mabie	Vice President
Ken Fagan	Vice President
Robert C. Sylvester	Treasurer and Assistant Secretary
Ivan Irwin, Jr.	Secretary
Jere F. Freel	Assistant Secretary

IN WITNESS WHEREOF, I have executed this Certificate and affixed the seal of the Company this 3rd day of July, 1996.


Robert C. Sylvester, Assistant Secretary

CORPORATE SEAL

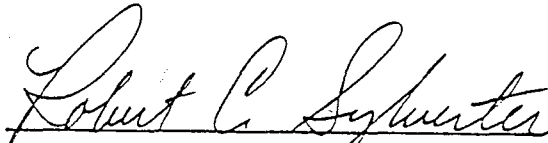
CERTIFICATE

I, Robert C. Sylvester, on behalf of Aviara Energy Corporation, (hereinafter called the "Company"), hereby certify that I am an Assistant Secretary of the Company and that:

The following officers and employees are authorized to execute leases, bids for leases, offers to lease, subleases, permits, licenses, applications therefor, assignments thereof, and requests for approval thereof, and other similar documents and to act on behalf of the Company in such matters.

<u>Name</u>	<u>Office/Title</u>
Tracy W. Krohn	Chairman and Chief Executive Officer
James L. Parker	President and Chief Operating Officer
Gary J. Mabie	Vice President
David M. McCubbin	Vice President
Ken Fagan	Vice President
Ivan Irwin, Jr.	Secretary

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal of the Company
this 5th day of July, 1996.


Assistant Secretary

CORPORATE SEAL

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

Routing	
1-LEC	6-LEC
2-GTH/EYE	7-KDR
3-DJS	8-SJ
4-VLD	9-FILE
5-RJF	

☒ Change of Operator (~~well sold~~) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name ~~Change Only~~

The operator of the well(s) listed below has changed, effective: 5-1-96

TO: (new operator) AVIARA ENERGY CORPORATION
 (address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5500 (8-6-96)

FROM: (old operator) COLUMBIA GAS DEVELOPMENT
 (address) PO BOX 1350
HOUSTON TX 77251

Phone: (713)871-3400

Account no. N5035

WELL(S) attach additional page if needed:

***KANE SPRINGS UNIT**
C.A. UTU60783

Name: **SEE ATTACHED**	API: <u>43047-31843</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form).
- lec 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Reg. 7-25-96) (Rec'd 8-5-96)
- lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: 02-081180. (L.H. 5-8-96)
- lec 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- lec 5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. (8-6-96)
- lec 6. Cardex file has been updated for each well listed above. (8-6-96)
- lec 7. Well file labels have been updated for each well listed above. (8-6-96)
- lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (8-6-96)
- lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- LIC 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/H 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- LIC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond. *Trust Lands/Reid Bond Rider "Columbia to Aviana" 8-5-96; bond no. chg'd to 4274145L 80,000 Aviana Energy Corporation, United Pacific Ins.*
2. A copy of this form has been placed in the new and former operator's bond files. ** Upon Compl. of routing.*
- N/A 3. The FORMER operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- UDR 1. All attachments to this form have been microfilmed. Today's date: August 21, 1996

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

760725 BLM/SL Appr. 5-1-96.

HUNT PETROLEUM (AEC), INC.

1601 Elm Street, Suite 3400

Dallas, Texas 75201

July 11, 2002

State of Utah
Department of Oil, Gas & Minerals
1594 West N. Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Attn: Mr. Jim Hamilton

Re: Travelers Bond No. 103860066

Dear Sir:

This is to advise you that Aviara Energy Corporation has changed its name to Hunt Petroleum (AEC), Inc., effective July 1, 2002. Attached is a Surety Rider to Travelers Bond #103860066 (which replaced CNA Bond No. 159209096) and a copy of the Surety Bond on State of Utah Form 4A currently on file with the State of Utah, Department of Natural Resources.

If you have any questions please give me a call at (214) 880-8916.

Yours very truly,

Mary Melvin

Mary Melvin
Legal Assistant

attachments

cc: Max Gardner (w/enc.)
Donny Worthington (w/enc.)
Gerald Phillips (w/enc.)

Receipt acknowledged this ____ day of July 2002.

STATE OF UTAH, Department of Oil, Gas & Minerals

By: _____

Title: _____

RECEIVED
JUL 15 2002
DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:
3106 (MM)

July 22, 2002

NOTICE

Hunt Petroleum (AEC), Inc.
1601 Elm Street, Suite 3400
Dallas, TX 75201

:
: Oil and Gas
:

Name Change Recognized

Acceptable evidence was filed and accepted by this office concerning the name change of Aviara Energy Corporation to Hunt Petroleum (AEC), Inc. with Hunt Petroleum (AEC), Inc. being the surviving entity. For our purposes, the name change was recognized effective July 1, 2002 the date of acceptance by the Secretary of the State of Delaware.

A rider changing the name of the principal on Nationwide bond number 159209244 (BLM Bond CO-1274) previously held by Aviara and issued by Continental Casualty Company, was changed to Hunt Petroleum (AEC), Inc. effective July 12, 2002.

The oil and gas lease files identified on the enclosed Exhibit A, supplied by Hunt Petroleum (AEC), Inc. were updated to reflect the new name. We have not abstracted the lease files to determine if the entities affected by the name change hold an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Mineral Management Services (MMS) and applicable Bureau of Land Management (BLM) Field Offices of the name change by copy of this notice. If our field offices require additional documentation for changes of operator, they will contact you.

If you identify additional leases where the affected parties maintain an interest, please contact this office and we will document the files under our jurisdiction with a copy of this Notice. If the leases are under the jurisdiction of another State Office, we will notify them.

If you have any questions concerning this correspondence, please call Martha Maxwell at (303)239-3768.

Michelle K. Derringer
FOR Beverly Derringer
Chief, Fluid Minerals Adjudication

Exhibit A sent to Eastern SO, New Mexico SO, Montana SO, Utah SO, Wyoming SO &
MMS-MRM, MS357B1, PO Box 5760, Denver, CO 80217
Decision Letter sent to All State Offices via BLM_Fluids_Forum

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See attachment

2. NAME OF OPERATOR:
Hunt Petroleum (AEC), Inc.

3. ADDRESS OF OPERATOR:
1601 Elm Street, Suite 3400 Dallas, TX 75201

PHONE NUMBER:
214-880-8855

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Change of company from Aviara Energy Inc. to Hunt Petroleum (AEC), Inc.
effective July 1, 2002.

NAME (PLEASE PRINT) Lisa Augustine

TITLE Agent

SIGNATURE Lisa Augustine

DATE August 6, 2002

(This space for State use only)

RECEIVED

AUG 07 2002

DIVISION OF
OIL, GAS AND MINING

api	well_name	section	township	range	ll_status_m
4301931310	KANE SPRINGS FED 27-1	27	250S	190E	P
4301931324	KANE SPRINGS FED 19-1A	19	260S	200E	P
4301931325	KANE SPRINGS FED 28-1	28	250S	190E	S
4301931331	KANE SPRINGS FED 10-1	10	250S	180E	P
4301931332	KANE SPRINGS FED 20-1	20	260S	190E	S
4301931334	KANE SPRINGS FED 25-19-34-1	34	250S	190E	P
4301931363	CANE CREEK FEDERAL 7-1	07	250S	190E	DRL
4301931364	CANE CREEK FED 11-1	11	260S	190E	DRL
4301931365	CANE CREEK 30-1	30	260S	200E	APD
4301931379	KANE SPRINGS FED 3-1	03	260S	190E	APD
4303730572	GOVT EVELYN CHAMBERS 1	06	310S	240E	S
4303730612	GOVT EVELYN CHAMBERS 2	05	310S	240E	S
4304731768	COWDEN 31-3-C	31	060S	210E	S
4304731769	FEDERAL 33-6-F	33	060S	210E	P
4304731787	FEDERAL 33-8-N	33	060S	210E	P
4304731804	FEDERAL 33-3-J	33	060S	210E	S
4304731844	FEDERAL 33-7-L	33	060S	210E	P
4301931341	KANE SPRINGS 16-1	16	250S	180E	A
4304731776	ALTA 5-1-B	05	070S	210E	P
4304731843	ALTA 5-2-C	05	070S	210E	P

3. FILE

Designation of Agent

Merger

The operator of the well(s) listed below has changed, effective:		07-01-2002
FROM: (Old Operator):		TO: (New Operator):
AVIARA ENERGY CORPORATION		HUNT PETROLEUM (AEC) INC
Address: 1601 ELM STREET, STE 3400		Address: 1601 ELM STREET, STE 3400
DALLAS, TX 75201		DALLAS, TX 75201
Phone: 1-(214)-880-8850		Phone: 1-(214)-880-8850
Account No. N5500		Account No. N2180

Unit:

[illegible]

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 07/15/2002
 2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/07/2002
 3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 08/07/2002
 4. Is the new operator registered in the State of Utah: YES Business Number: 56883-0143
 5. If **NO**, the operator was contacted contacted on: N/A
 6. (R649-9-2) Waste Management Plan received on: IN PLACE
-
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/01/2002

7. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: N/A

8. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/08/2002
 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/08/2002
 3. Bond information entered in RBDMS on: N/A
 4. Fee wells attached to bond in RBDMS on: N/A
-

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A
-

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number:
-

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A
-

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 103860066
 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
-

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 08/08/2002
-

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: SUMMIT OPERATING, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: PO BOX 683909 CITY PARK CITY STATE UT ZIP 84068		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (435) 940-9001		8. WELL NAME and NUMBER: MULTIPLE
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____		9. API NUMBER: MULTIPLE
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: HORSESHOE BEND
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

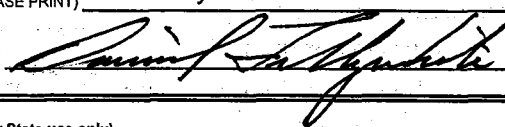
Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME	API NUMBER
FEDERAL 33-3-J	43-047-31804-00-00-
FEDERAL 33-7-L	43-047-31844-00-00-
FEDERAL 33-8-N	43-047-31787-00-00-
COWDEN 31-3-C	43-047-31768-00-00-
ALTA 5-2-C	43-047-31843-00-00-
ALTA 5-1-B	43-047-31776-00-00-
FEDERAL 33-6-F	43-047-31769-00-00-

RECEIVED

JAN 28 2003

DIV. OF OIL GAS & MINING

NAME (PLEASE PRINT) David Lillywhite	TITLE Manager
SIGNATURE 	DATE 1/24/2003

(This space for State use only)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT OF CO AGREEMENT NAME:

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER See Attachment

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR:

9. API NUMBER:

3. ADDRESS OF OPERATOR:

PHONE NUMBER:

10. FIELD AND POOL, OR WILDCAT:

PO BOX 683909 CITY Park City STATE UT ZIP 84068 435-940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will start:

☐ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of work completion:

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☒ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/RESUME)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLARE

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☐ OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Hunt Petroleum (AEC), Inc. is conveying 100% of its right, title and interest in and to the wells listed on the Attachment. N2180

NEW OPERATOR: SUMMIT OPERATING, LLC

BUM BOND #: 47 8000014

EFFECTIVE DATE: 12/1/02

Name (Please Print) STEVE BROOKS

Title LAND MANAGER

Signature Steve Brooks

Date 1-27-03

NAME (PLEASE PRINT)

David Lillywhite

TITLE

Manager

SIGNATURE

David Lillywhite

DATE

12/23/02

(This space for State use only)

179.158

October 22, 2002
List of Wells

<u>Well Name & Number</u>	<u>Location</u>	<u>Well Type</u>	<u>API Number</u>	<u>Well Status</u>
Federal 33-6-F	06S21E33	OW	4304731769	POW
Federal 33-7-L	06S21E33	OW	4304731844	POW
Federal 33-3-J	06S21E33	OW	4304731804	SOW
Federal 33-8-N	06S21E33	OW	4304731787	PQW
Cowden 31-3-C	06S21E31	GW	4304731768	SGW
Alta 5-1-B	07S21E05	OW	4304731776	POW
Alta 5-2-C	07S21E05	OW	4304731843	POW

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

MULTIPLE

9. API NUMBER:

MULTIPLE

10. FIELD AND POOL, OR WILDCAT:

HORSESHOE BEND

1. TYPE OF WELL

OIL WELL ☒

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

SUMMIT OPERATING, LLC

N2315

3. ADDRESS OF OPERATOR:

PO BOX 683909

CITY

PARK CITY

STATE

UT

ZIP

84068

PHONE NUMBER:

(435) 940-9001

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: UINTAH

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: CHANGE OF OPERATOR
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Please be advised that Summit has acquired the following wells from Hunt Petroleum effective December 1, 2002. The properties will be operated by Summit Operating, LLC #N2315. The appropriate bonding should be in place with the state:

WELL NAME	API NUMBER
FEDERAL 33-3-J	43-047-31804-00-00-
FEDERAL 33-7-L	43-047-31844-00-00- ✓
FEDERAL 33-8-N	43-047-31787-00-00- ✓
COWDEN 31-3-C	43-047-31768-00-00-
ALTA 5-2-C	43-047-31843-00-00-
ALTA 5-1-B	43-047-31776-00-00-
FEDERAL 33-6-F	43-047-31769-00-00-

RECEIVED

JAN 28 2003

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) David Lillywhite

TITLE Manager

SIGNATURE

DATE 1/24/2003

(This space for State use only)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective **12/01/2002**

FROM: (Old Operator): HUNT PETROLEUM CORPORATION 1601 Elm Street, Suite 3400 Dallas, TX 75201 Phone: 1-(214) 880-8914 Account No. N 2180	TO: (New Operator): SUMMIT OPERATING, LLC PO Box 683909 Park City, UT 84068 Phone: 1-(435) 940-9001 Account No. N2315
--	--

CA No.

Unit:

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
COWDEN 31-3-C	31	060S	210E	4304731768	10761	Federal	GW	S
FEDERAL 33-6-F	33	060S	210E	4304731769	10779	Federal	OW	P
FEDERAL 33-8-N	33	060S	210E	4304731787	10760	Federal	OW	P
FEDERAL 33-3-J	33	060S	210E	4304731804	10787	Federal	OW	S
FEDERAL 33-7-L	33	060S	210E	4304731844	10787	Federal	OW	P
ALTA 5-1-B	05	070S	210E	4304731776	10771	Fee	OW	S
ALTA 5-2-C	05	070S	210E	4304731843	10916	Fee	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 01/27/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 01/28/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on 06/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 2036229-0160
- If **NO**, the operator was contacted on: _____
- (R649-9-2) Waste Management Plan has been received on: IN PLACE

- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases BLM 06/09/2003 BIA N/A

8. Federal and Indian Units:The BLM or BIA has approved the successor of unit operator for wells listed on 06/09/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 04/29/2003

10. **Underground Injection Control ("The Division has approved UIC Form 5, Transfer of Authority to Inject for the enhanced/secondary recovery unit/project for the water disposal well(s) listed N/A**

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 06/30/2003
 2. Changes have been entered on the Monthly Operator Change Spread Sheet on 06/30/2003
 3. Bond information entered in RBDMS on: 06/30/2006
 4. Fee wells attached to bond in RBDMS on: 06/30/2003
-

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A
-

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B000014
-

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: N/A
-

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number: ZSB800622
 2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
-

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on 06/30/2003
-

COMMENTS:



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

June 30, 2003

Melinda Mayse, Regulatory Specialist
Hunt Petroleum (AEC), Inc.
PO Box 1350
Houston, TX 77251

Re: Notification of Sale or Transfer of Fee Lease Interest

Dear Ms. Mayse:

The Division has processed your request for an operator change from Hunt Petroleum (AEC), Inc. to Summit Operating, LLC. effective December 1, 2002 for the following fee well.

<u>Well Name</u>	<u>Sec. T. R.</u>	<u>API Number</u>
Alta 5-1-B	05-7S-21E	43-047-31776
Alta 5-2-C	05-7S-21E	43-047-31843

Utah Administrative Code Rule R649-2-10 states: "The owner of a lease shall provide notification to any person with an interest in such lease, when all or part of that interest in the lease is sold or transferred".

This letter is written to advise you of your responsibility to notify all individuals with an interest in these leases (royalty interest and working interest) of the changer. Please provide written documentation of this notification to:

Utah Royalty Owners Association
PO Box 1292
Roosevelt, Utah 84066

Your assistance in this matter is appreciated.

Sincerely,

Earlene Russell
Engineering Technician

cc: Summit Operating, LLC.
Utah Royalty Owners Association



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 11, 2014

Certified Mail No. 7003 2260 0003 2358 7288

43 047 31843
Alta 5-2-C
5 7C 21E

Mr. Ellis Peterson
Summit Operating, LLC
1245 Brickyard Rd STE 210
Salt Lake City, UT 84106

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Ellis Peterson:

As of April 2014, Summit Operating, LLC has two (2) Fee Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



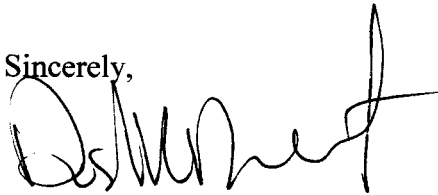
Page 2
Summit Operating, LLC
June 11, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	ALTA 5-1-B	43-047-31776	FEE	1 year 8 months
→ 2	ALTA 5-2-C	43-047-31843	FEE	1 year

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: SUMMIT OPERATING, LLC		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1245 Brickyard Road, Suite 210, Salt Lake City, UT, 84106		8. WELL NAME and NUMBER: ALTA 5-2-C
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0500 FNL 1900 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENW Section: 05 Township: 07.0S Range: 21.0E Meridian: S		9. API NUMBER: 43047318430000
PHONE NUMBER: 801-657-5780 Ext		9. FIELD and POOL or WILDCAT: HORSESHOE BEND
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/20/2014 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
OTHER: <input type="text" value="Update Production Data"/>		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Production records at UDOGM were updated for this well through April, 2014 after receiving notice of extended Shut-in. This well has been shut-in less than 12 months. An update of the status and plans for this well are addressed in the attached letter.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 22, 2014		
NAME (PLEASE PRINT) Ellis Peterson	PHONE NUMBER 801 657-5780	TITLE Sr Petroleum Engineer
SIGNATURE N/A	DATE 6/23/2014	

SUMMIT OPERATING, LLC

1245 Brickyard Road, Suite 210 • Salt Lake City, Utah 84106
Phone: 801-657-5780 • Fax: 801-657-5781

June 20, 2014

Dustin K. Doucet
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, UT 84114

Subject: Alta 5-1-B and Alta 5-2-C Wells, Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Doucet,

Per your letter dated June 11, 2014 requesting action on two wells, Alta 5-1-B and Alta 5-2-C, we hereby offer explanation of the ownership situation for these two wells and the anticipated timing for bringing these wells into full regulatory compliance. Your letter requesting action was issued because Utah Division of Oil, Gas and Mining (UDOGM) records indicated the two wells had not produced for more than twelve months. In response to your letter, Summit Operating, LLC (Summit) discovered that there has been production from the two wells during the past twelve months but as a result of transactional confusion, Summit was not receiving proper information to be able to report that production to UDOGM. That confusion has been remedied and production records for these two wells have now been updated through March, 2014.

Summit previously owned an interest in and operated these two wells. In September, 2004, Summit and Alberta Gas Company (Alberta) entered into a Trade and Quit Claim Agreement ("Trade Agreement") wherein Alberta acquired 100% of Summit's right, title, and interest in these two wells. As part of the Trade Agreement, Alberta agreed to assume Operatorship of these two wells and be responsible all of the regulatory obligations and responsibilities including obtaining appropriate bonding as required by UDOGM to replace Summit as the Operator. However, to date Alberta has failed to fulfill its obligation to obtain the required bonding and so Summit remains the Operator of record with UDOGM.

Until recently, Summit received production information from its affiliated marketing company which marketed production from these two wells on behalf of Alberta and was able to include this production reporting in its monthly report. However this affiliated company was recently sold and in the process this information exchange process for the production from these two wells was lost. This lost communication process has now been corrected and Summit can again properly report production from these two wells until Alberta qualifies as an Operator with UDOGM.

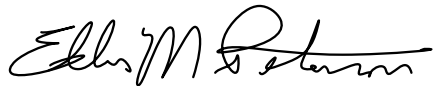
Summit is continuing its efforts to remedy this situation with Alberta. Alberta has recently advised Summit that the Alta ownership in these two wells is subject to a sales contract, and that contract requires the acquiring company to become the Operator and take responsibility for regulatory and

RECEIVED: Jun. 23, 2014

bonding the Alta wells. Alberta has assured Summit that closing of the sale of the properties including the Alta wells is to occur within the next sixty (60) days.

Summit is encouraged that this situation will soon be resolved by the prospect of another company buying the Alberta interest in these two wells because the purchasing company will need to become fully regulatory compliant to assure return from their investment. If the pending sale of the properties does not occur as promised, then Summit will consider other options to ensure Alberta replaces Summit as the recognized Operator of these two wells as required under the Agreement.

Sincerely,

A handwritten signature in black ink, appearing to read "Ellis M. Peterson". The signature is fluid and cursive, with the first name "Ellis" and last name "Peterson" clearly distinguishable.

Summit Operating, LLC
Ellis Peterson
Senior Petroleum Engineer



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 8, 2015

CERTIFIED MAIL NO. 7014 2870 0001 4232 4771

Mr. David Swett
Alberta Gas Company
933 E. 2000 N.
Vernal, UT 84078

Subject: December 3, 2015 meeting concerning outstanding non-compliance requirements

Dear Mr. Swett:

This letter is in response to the meeting held in the Division of Oil, Gas and Mining's (Division) Salt Lake office on December 3, 2015, in reference to Alberta Gas Company (Alberta) outstanding compliance matters. Those present at the meeting were: John Rogers, Dan Jarvis, Josh Payne, Dustin Doucet, Dayne Doucet, Chris Jensen, and David Swett.

As discussed and agreed upon, the issues listed below require a written response within 30 days of the date of this Notice. For reference concerning individual wells - Please refer to the notices of violation (NOV's) dated June, 2014, which were re-issued via hand delivery at the meeting.

5 7S 21E

1. Wells discussed as having outstanding NOV's are:

Federal 1-33	API#43-047-30300	owned by Alberta Gas
Federal 1-27	API#43-047-30181	owned by Alberta Gas
Alta 5-1-B	API#43-047-31776	owned by Summit Operating
Alta 5-2-C	API#43-047-31843	owned by Summit Operating
Federal 1-28E19E	API#43-047-30175	owned by EP Energy

2. All well sites that have oily waste, stained soils and pools of oil shall be removed and hauled off location to a Division approved site. Record of receipt for disposal shall be kept by Alberta and will be available for Division inspection at any time.
3. Items such as trash and junk removal, and overall housekeeping should be started on as soon as possible. Production equipment on all locations will be inspected and evaluated for structural integrity. All fluids stored on location shall have spill containment to prevent leakage onto soils.

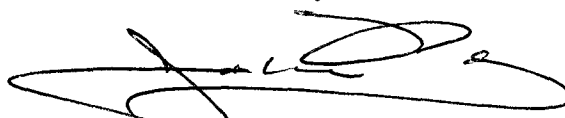


4. The Federal 1-28E19E well requires the gate to have a combination lock with said combination given to the Division immediately. Additionally, the scrap metal and piping which the landowner wants will need to be removed either by him or Alberta no later than the deadline as outlined in this letter.
5. All wells site issues will be addressed at the same time. Clean-up shall be completed as a whole and not one site at a time before moving on to the next.
6. Any new incident (i.e. spill, oil waste, etc.) from now going forward will require immediate attention and clean up. These will not be grandfathered into the deadline allowance as listed in this letter.
7. **The deadline for all work to be completed, and NOV requirements met is no later than March 31, 2016.**

Failure to meet this deadline will result in the Division filing for a formal hearing before the Board of Oil, Gas and Mining (Board) in accordance with Utah Administrative Code R641 seeking bonding and civil penalties. If the Board determines, after an adjudicative proceeding, that any person has violated any provision of this chapter, or any permit, rule or order made under the provision of this chapter, that person is subject, in a civil proceeding, to a penalty not exceeding \$5,000 per day for each day of violation (Utah Code 40-6-11.(4)(a)). If the Board determines that the violation is willful, that person may be fined not more than \$10,000 for each day of violation (Utah Code 40-6-11.(4)(b)).

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact Dan Jarvis, Operations Manager, at 801-538-5338, or John Rogers, Associate Director, at 801-538-5349, or me at (801) 538- 5314.

Sincerely,



Joshua Payne
Compliance Manager

JJP/js

cc: John Rogers, Associate Director
Dan Jarvis, Operations Manager
Dustin Doucet, Petroleum Engineer
Chris Jensen, Operations
Well Files

Compliance File

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**MR DAVID SWETT
ALBERTA GAS COMPANY
933 E 2000 N
VERNAL UT 84078**

Sent To

Street & Apt.
or PO Box
City, State

PS Form 3800, July 2014

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**MR DAVID SWETT
ALBERTA GAS COMPANY
933 E 2000 N
VERNAL UT 84078**

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent

☒ Addressee

B. Received by (Printed Name)

D. Swett

C. Date of Delivery

DEC 31 2015

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☐ No

3. Service Type

☒ Certified Mail®

☐ Priority Mail Express™

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee)

☐ Yes

2. Article Number

(Transfer from service label)

7014 2870 0001 4232 4771

PS Form 3811, July 2013

Domestic Return Receipt

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JAN - 4 2016

DIV. OF OIL, GAS & MINING



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

March 17, 2016

Mr. David Swett
Alberta Gas Company
933 E. 2000 N.
Vernal, UT 84078

Subject: Satisfactory Closure for Notices of Violation (NOV) dated June, 2014 and meeting requirements set forth by the Division of Oil, Gas and Mining's (Division) during an informal meeting on December 3, 2015 and letter dated December 8, 2015

Dear Mr. Swett:

In working with Division Inspector Ammon McDonald, it has been determined that the terms required to satisfy non-compliance issues for the wells listed below have been met.

Wells concerning this closure are:

5 75 21E

Federal 1-33	API#43-047-30300	owned by Alberta Gas
Federal 1-27	API#43-047-30181	owned by Alberta Gas
Alta 5-1-B	API#43-047-31776	owned by Summit Operating
→ Alta 5-2-C	API#43-047-31843	owned by Summit Operating
Federal 1-28E19E	API#43-047-30175	owned by EP Energy

The Division hereby acknowledges that the violations described in the aforementioned NOV's, Division meeting, and Division letter have been resolved and are no longer in an outstanding non-compliance status.

If you have any questions concerning this closure, please contact me at (801) 538- 5314.

Sincerely,

Joshua Payne
Compliance Manager

JJP/js

cc: John Rogers, Associate Director
Dan Jarvis, Operations Manager
Dustin Doucet, Petroleum Engineer
Ammon McDonald, Operations
Chris Jensen, Operations
Well Files

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